Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012320\

Quantitation Report (Not Reviewed)

Data File : BM024613.D
Acq On : 23 Jan 2020 18:21
Operator : CG/JU
Sample : PB125839BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB125839BL

Quant Time: Jan 24 01:47:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	204731	20.00	ng		0.00
21) Naphthalene-d8	10.20	136	804121	20.00	ng		0.00
39) Acenaphthene-d10	14.09	164	551958	20.00	ng		0.00
64) Phenanthrene-d10	16.84	188	1288757	20.00	ng		0.00
76) Chrysene-d12	21.05	240	1347453	20.00	ng		0.00
87) Perylene-d12	23.16	264	1510078	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	1580166	146.78	ng		0.00
7) Phenol-d6	6.65	99	2042823	137.75	ng		0.00
23) Nitrobenzene-d5	8.58	82	1406350	85.77	ng		0.00
42) 2,4,6-Tribromophenol	15.59	330	1197895	133.42	ng		0.00
45) 2-Fluorobiphenyl	12.71	172	3523001	86.77	ng		0.00
79) Terphenyl-d14	19.50	244	7316554	101.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.07	88	284	0.067	ng	#	50
4) n-Nitrosodimethylamine	3.39	42	258	0.047	ng	#	1
9) Benzaldehyde	6.60	77	278	0.032	ng	#	4
10) Phenol	6.67	94	7452	0.504	ng	#	63
15) Benzyl Alcohol	7.76	79	19902	1.628	ng	#	55
22) Acetophenone	8.26	105	610	0.029	ng	#	31
24) Nitrobenzene	8.58	77	5561	0.354	ng	#	39
25) Isophorone	9.16	82	611	0.022	ng	#	64
31) Naphthalene	10.25	128	185	0.005	ng	#	69
37) 2-Methylnaphthalene	11.88	142	443	0.014	ng	#	78
46) 1,1'-Biphenyl	12.92	154	7305	0.175	ng		98
50) Dimethylphthalate	13.56	163	55059	1.234	ng		100
52) Acenaphthene	14.09	154	2137	0.068	ng	#	5
60) Diethylphthalate	14.95	149	17052	0.376	ng	#	90
63) Azobenzene	15.47	77	1551	0.040	ng	#	37
71) Phenanthrene	16.89	178	1275	0.018	ng	#	61
74) Di-n-butylphthalate	17.84	149	22507	0.283	ng	#	96
75) Fluoranthene	18.91	202	460	0.005	ng		65
78) Pyrene	19.27	202	225	0.003	ng	#	58
80) Butylbenzylphthalate	20.19	149	459	0.012	ng	#	25
81) Benzo(a)anthracene	21.05	228	3866	0.041	ng	#	56
82) 3,3'-Dichlorobenzidine	20.97	252	119	0.004	ng	#	25
83) Chrysene	21.09	228	254	0.003	ng	#	35
84) Bis(2-ethylhexyl)phthalate	21.01	149	3205	0.058	ng	#	97
85) Di-n-octyl phthalate	21.84	149	538	0.006	ng	#	82
88) Benzo(b)fluoranthene	22.56	252	2453	0.025	ng	#	1
89) Benzo(k)fluoranthene	22.60	252	1502	0.016	ng	#	1
90) Benzo(a)pyrene	23.07	252	1051	0.012	ng	#	1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

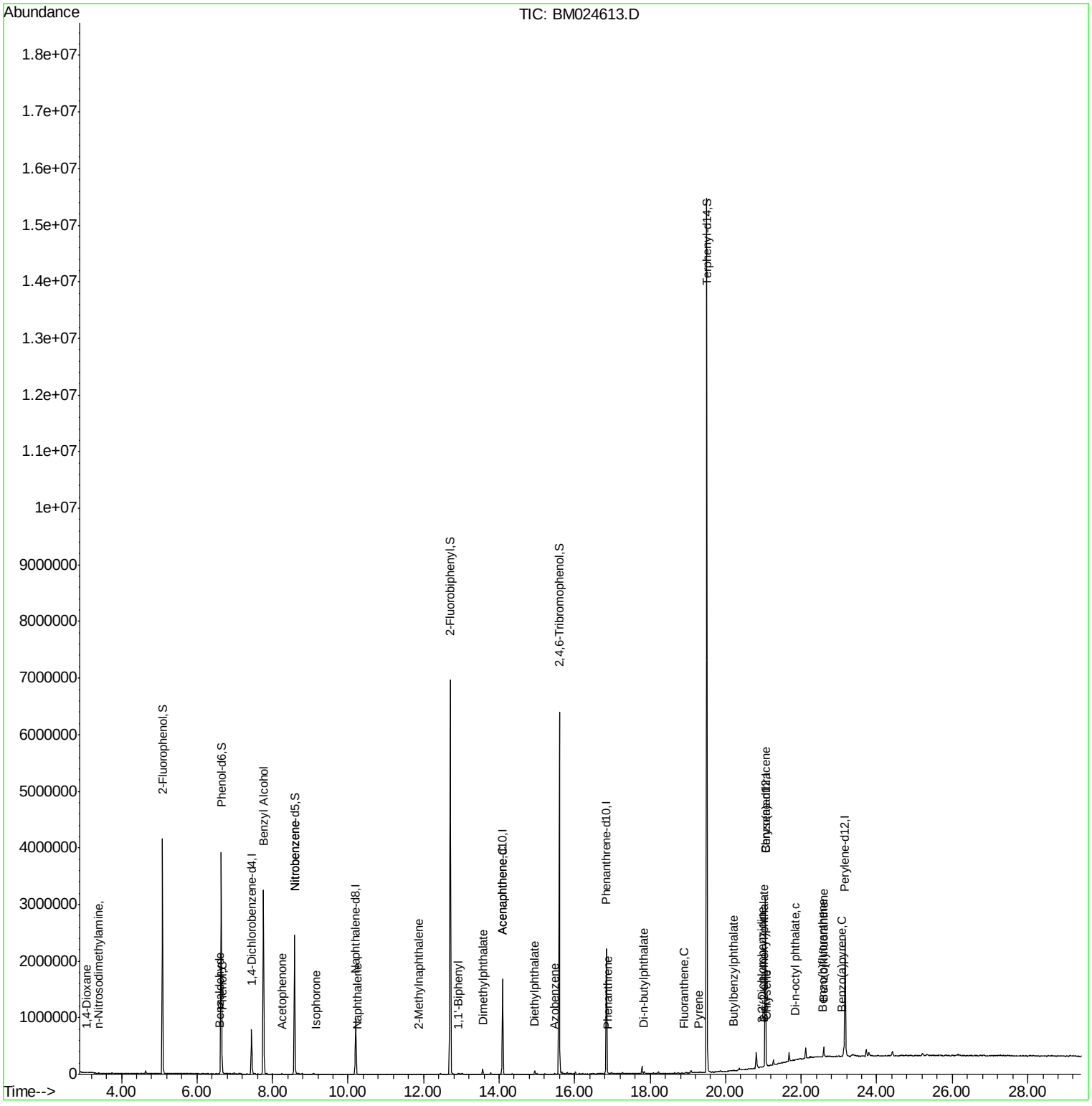
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012320\

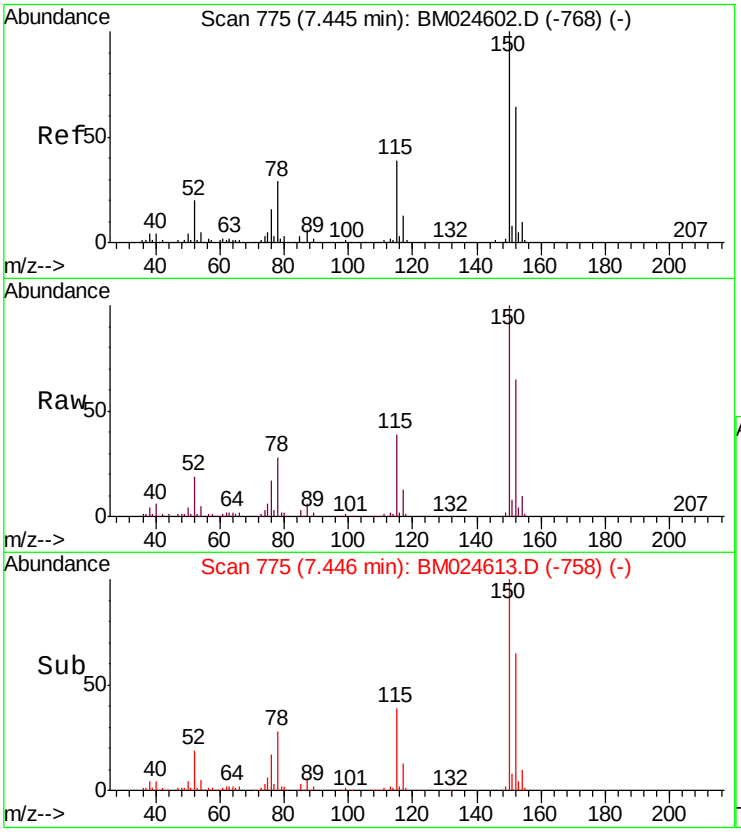
Quantitation Report (Not Reviewed)

Data File : BM024613.D
Acq On : 23 Jan 2020 18:21
Operator : CG/JU
Sample : PB125839BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB125839BL

Quant Time: Jan 24 01:47:21 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM012320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 14:57:07 2020
Response via : Initial Calibration



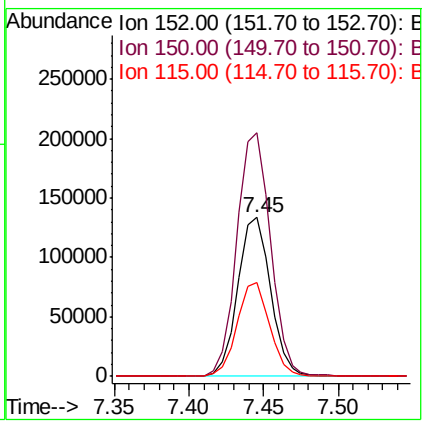


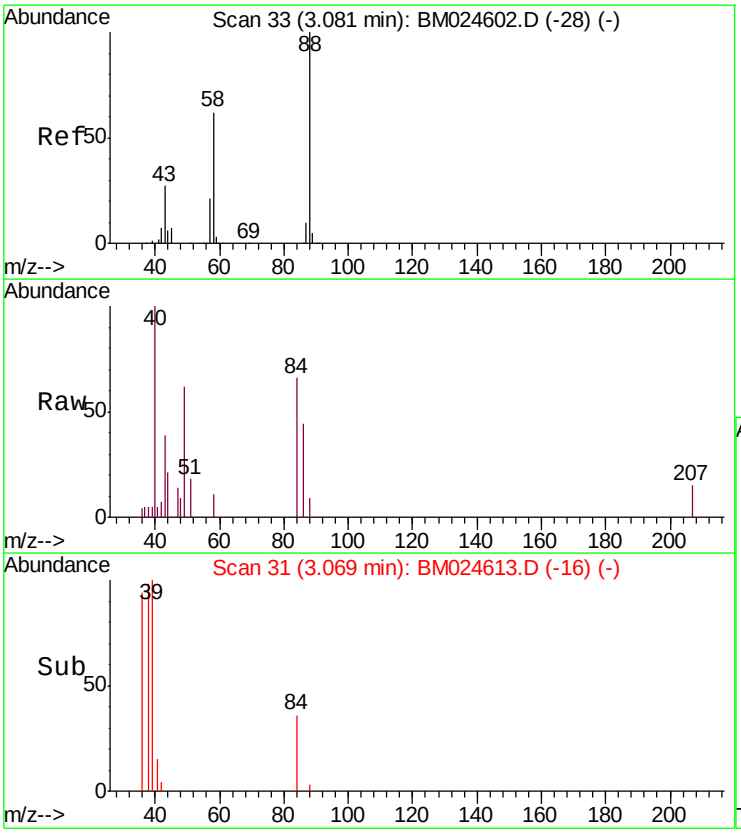
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:152 Resp: 204731

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.2	186.4
115	59.1	48.6	72.8

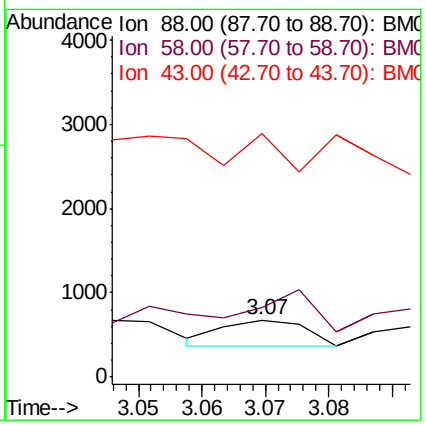


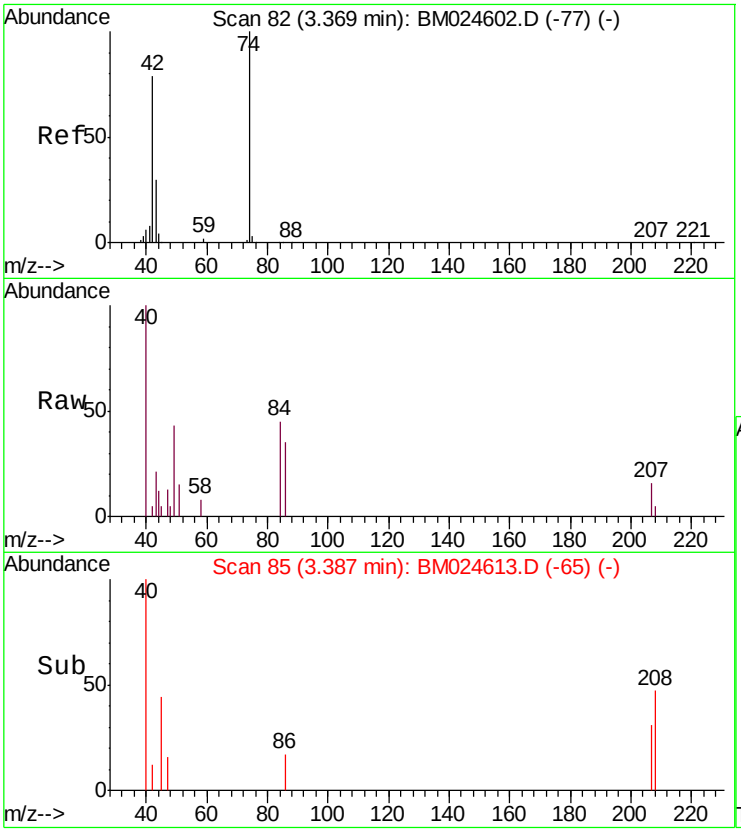


#2
1,4-Dioxane
Concen: 0.067 ng
RT: 3.07 min Scan# 31
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion: 88 Resp: 284

Ion	Ratio	Lower	Upper
88	100		
58	100.7	50.0	75.0#
43	0.0	21.6	32.4#



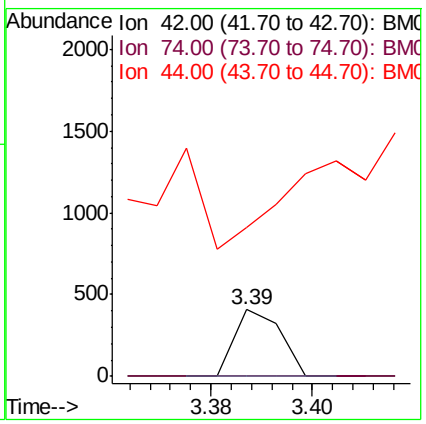


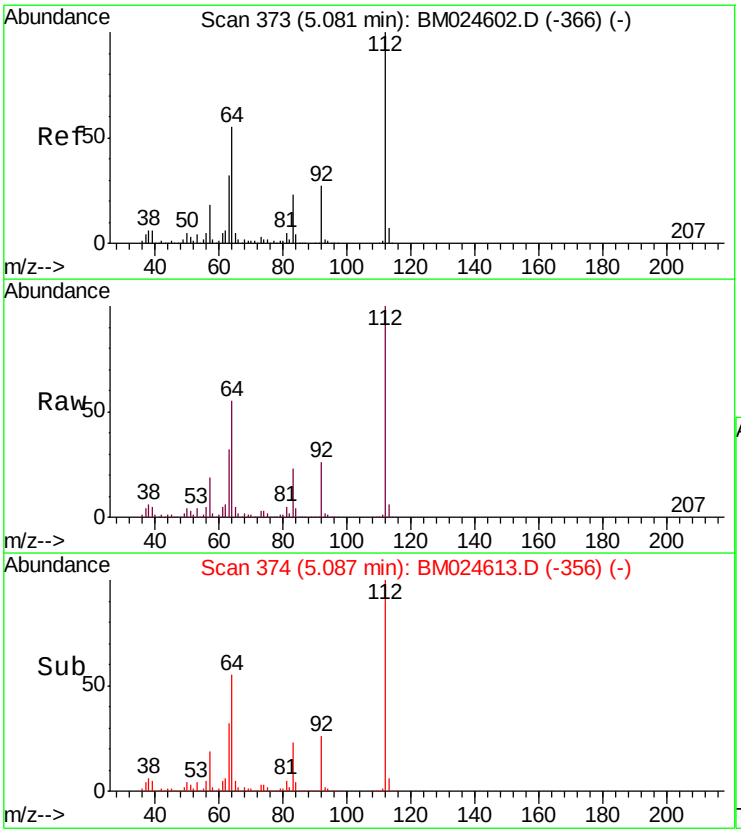
#4
n-Nitrosodimethylamine
Concen: 0.047 ng
RT: 3.39 min Scan# 85
Delta R.T. 0.02 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion: 42 Resp: 258

Ion	Ratio	Lower	Upper
42	100		
74	0.0	101.4	152.2#
44	223.3	4.6	6.8#

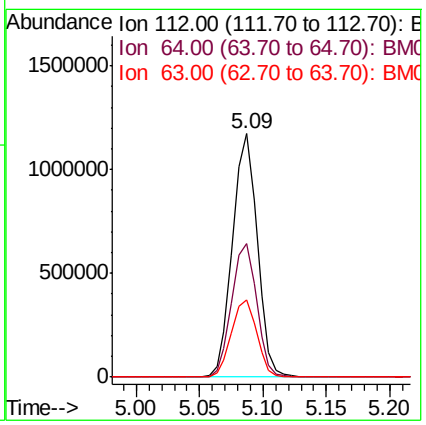


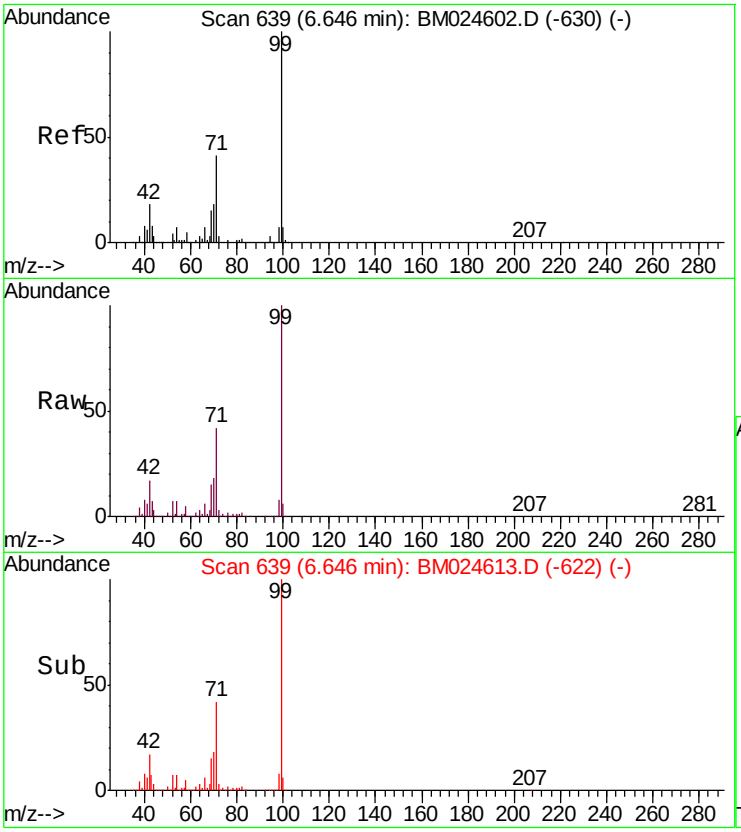


#5
2-Fluorophenol
Concen: 146.783 ng
RT: 5.09 min Scan# 374
Delta R.T. 0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:112 Resp: 1580166

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.2	66.4
63	31.7	25.9	38.9



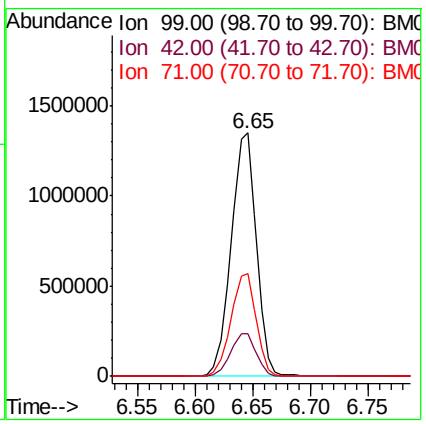


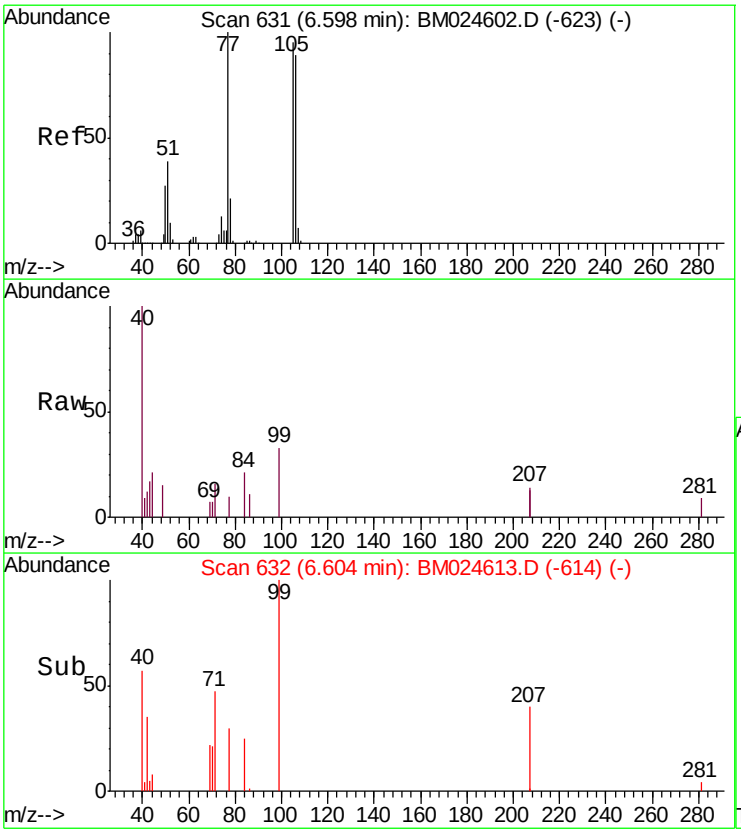
#7
Phenol-d6
Concen: 137.749 ng
RT: 6.65 min Scan# 639
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion: 99 Resp: 2042823

Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.1	21.1
71	42.2	33.0	49.6

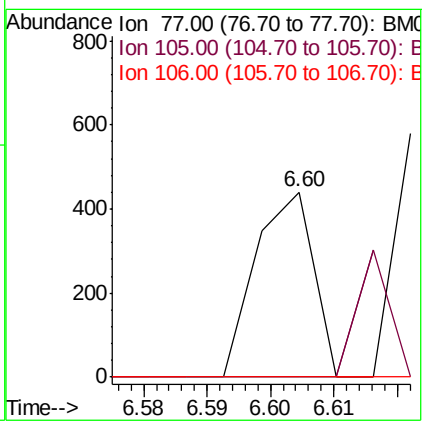


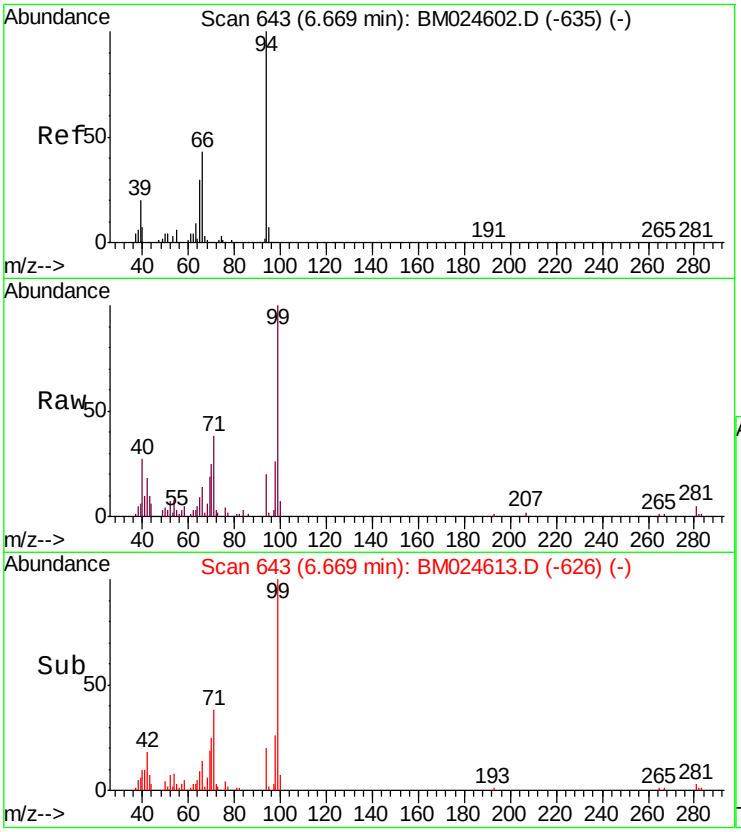


#9
Benzaldehyde
Concen: 0.032 ng
RT: 6.60 min Scan# 632
Delta R.T. 0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion: 77 Resp: 278

Ion	Ratio	Lower	Upper
77	100		
105	0.0	75.2	115.2#
106	0.0	68.6	108.6#



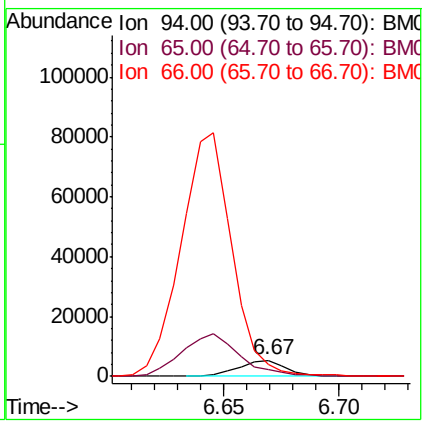


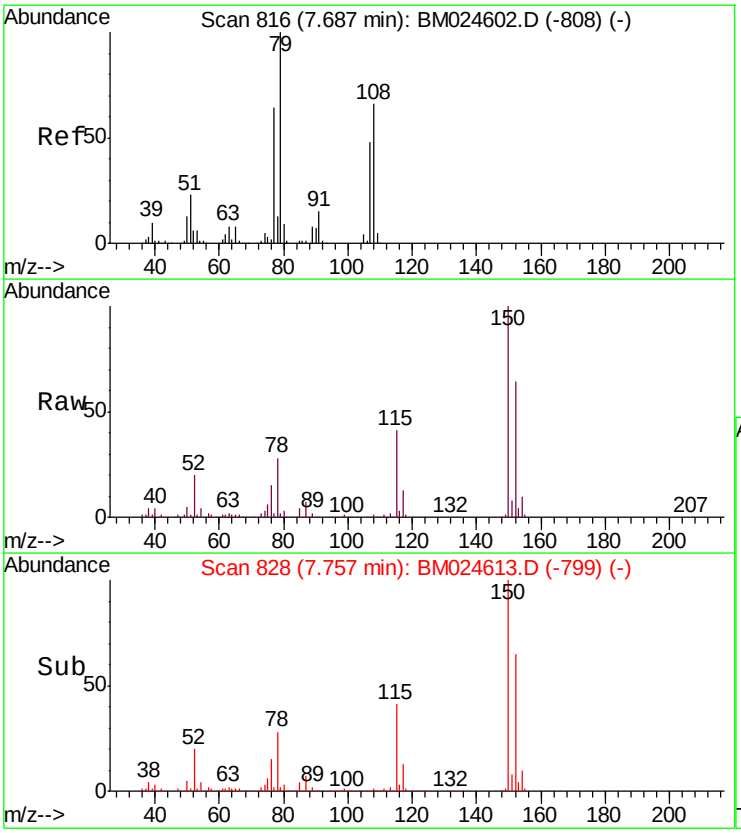
#10
Phenol
Concen: 0.504 ng
RT: 6.67 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion: 94 Resp: 7452

Ion	Ratio	Lower	Upper
94	100		
65	45.8	10.3	50.3
66	73.2	24.8	64.8#

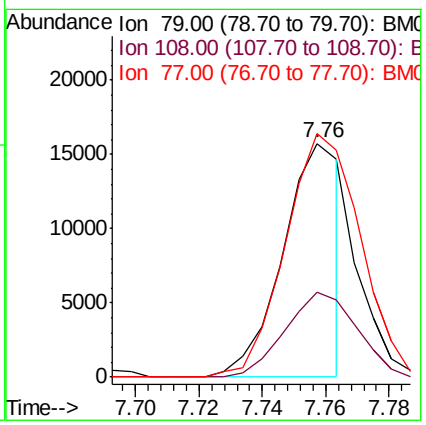


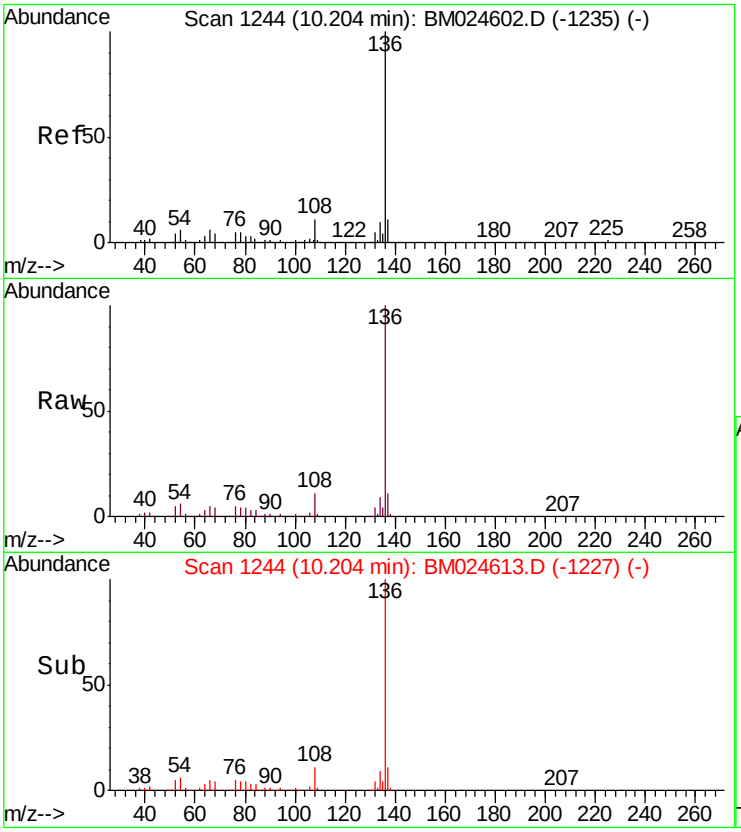


#15
Benzyl Alcohol
Concen: 1.628 ng
RT: 7.76 min Scan# 828
Delta R.T. 0.07 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion: 79 Resp: 19902

Ion	Ratio	Lower	Upper
79	100		
108	36.3	53.0	79.4#
77	104.2	50.8	76.2#



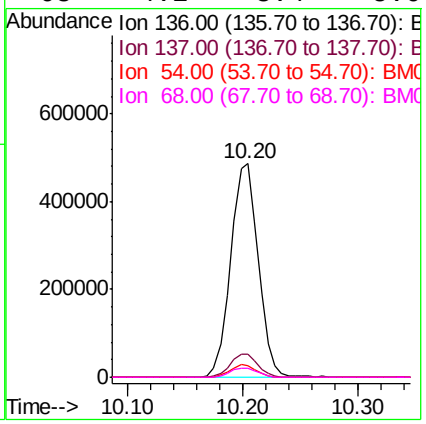


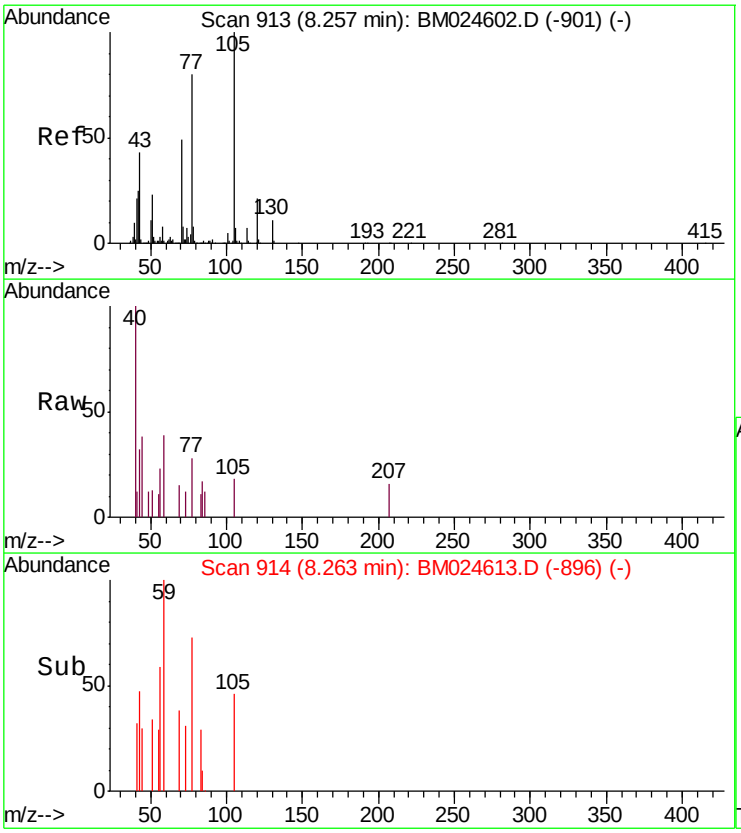
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:136 Resp: 804121

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	5.6	4.5	6.7
68	4.2	3.4	5.0

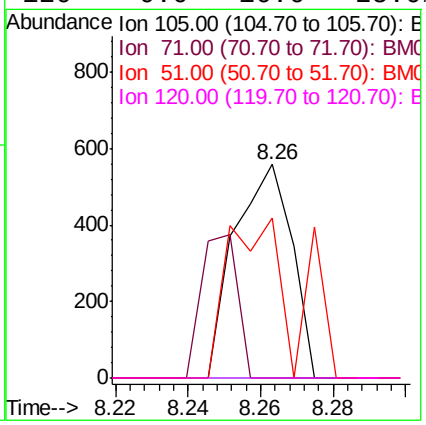


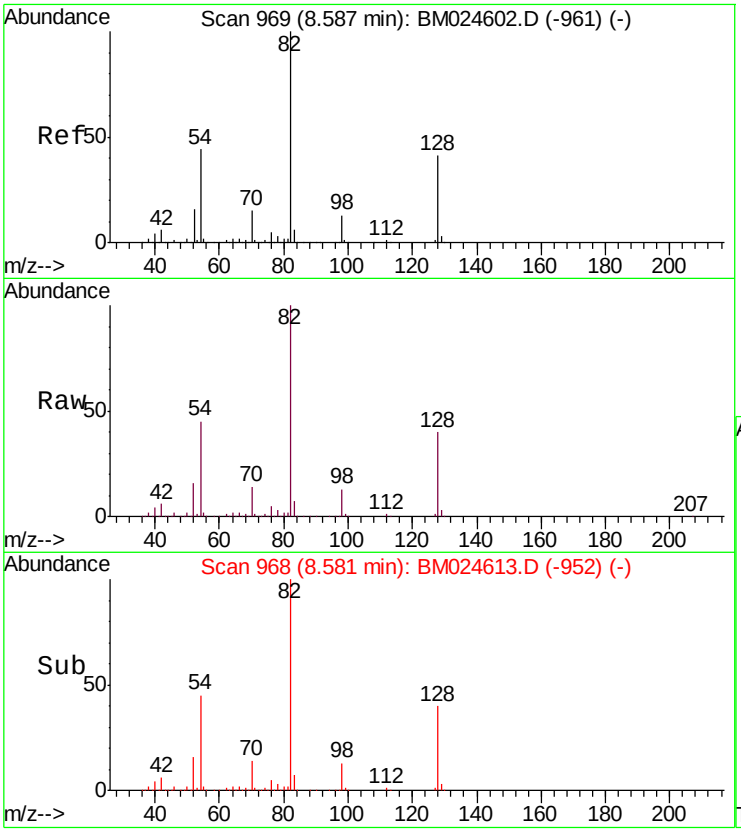


#22
Acetophenone
Concen: 0.029 ng
RT: 8.26 min Scan# 914
Delta R.T. 0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:105 Resp: 610

Ion	Ratio	Lower	Upper
105	100		
71	0.0	6.7	10.1#
51	75.0	18.5	27.7#
120	0.0	16.6	25.0#



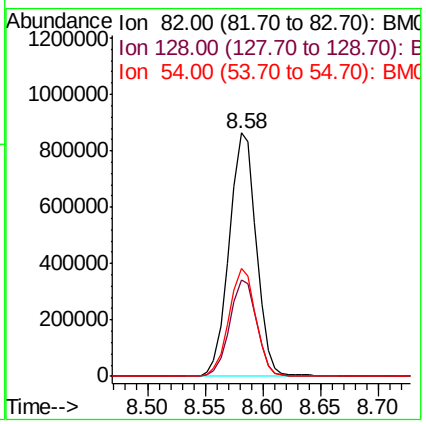


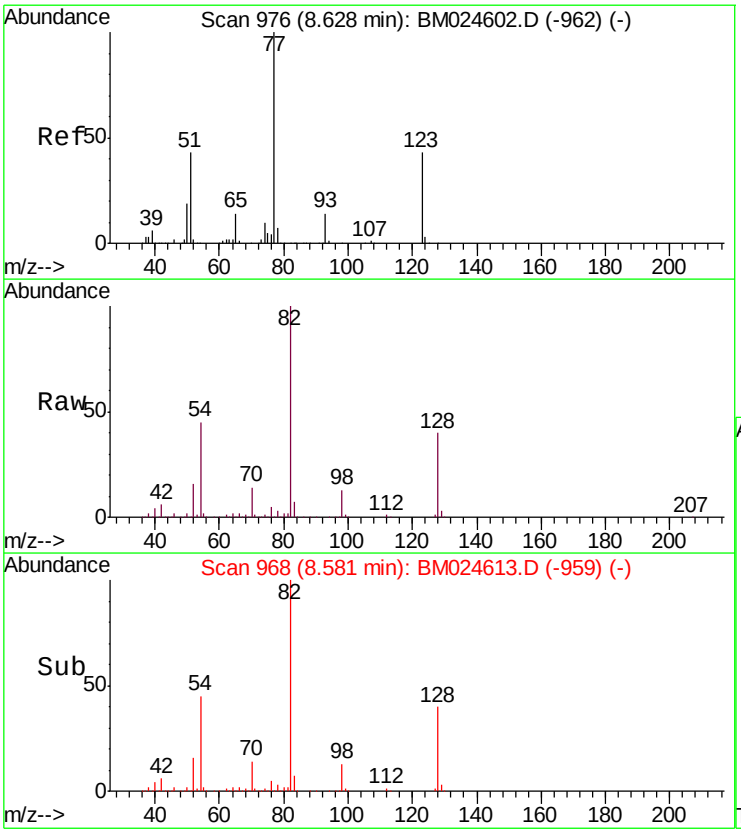
#23
Nitrobenzene-d5
Concen: 85.770 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion: 82 Resp: 1406350

Ion	Ratio	Lower	Upper
82	100		
128	39.5	32.6	48.8
54	44.6	34.8	52.2

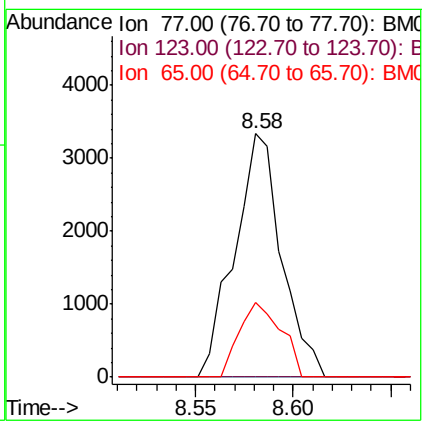


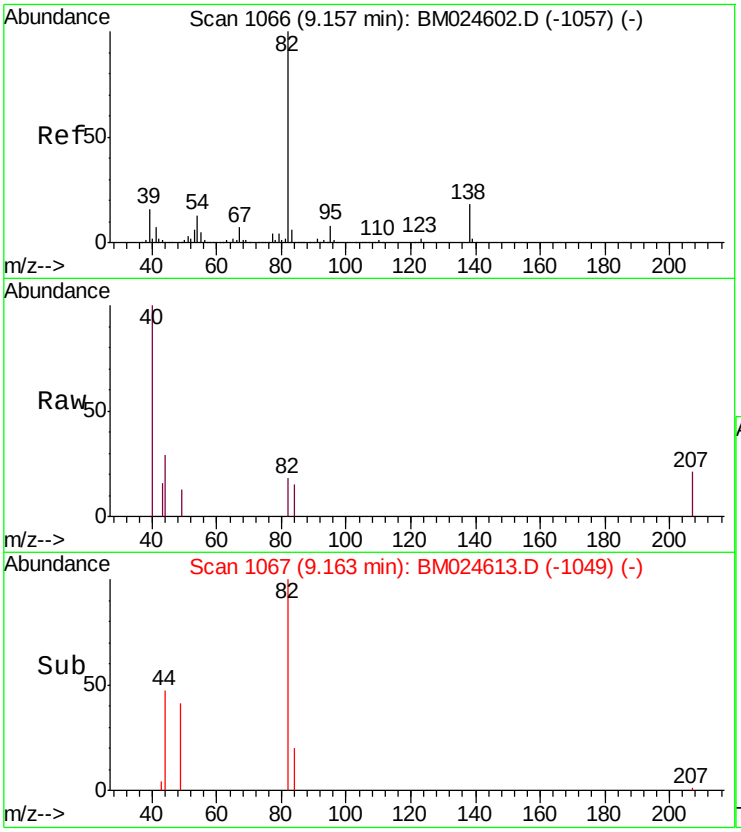


#24
Nitrobenzene
Concen: 0.354 ng
RT: 8.58 min Scan# 968
Delta R.T. -0.05 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion: 77 Resp: 5561

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.6	52.0#
65	30.7	11.0	16.4#



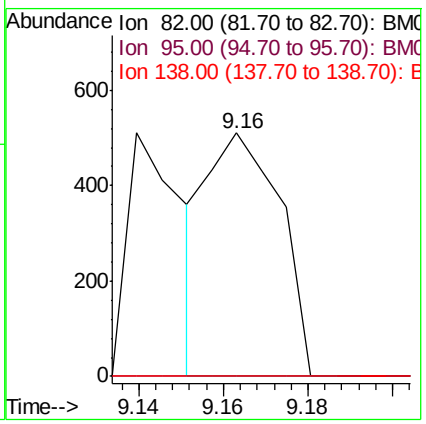


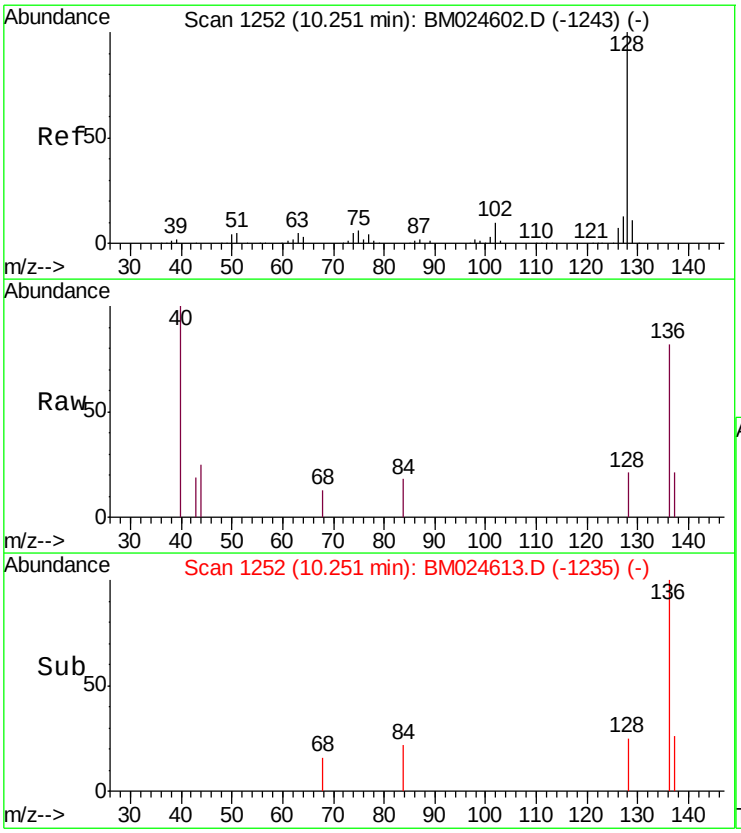
#25
Isophorone
Concen: 0.022 ng
RT: 9.16 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion: 82 Resp: 611

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	0.0	14.7	22.1#

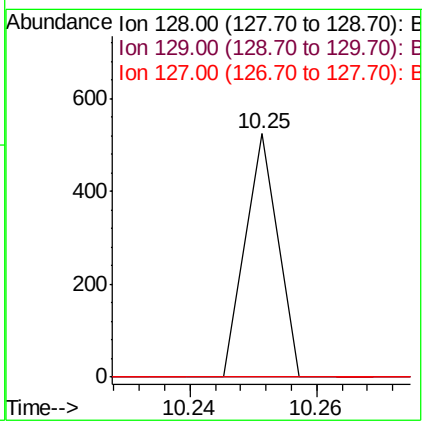


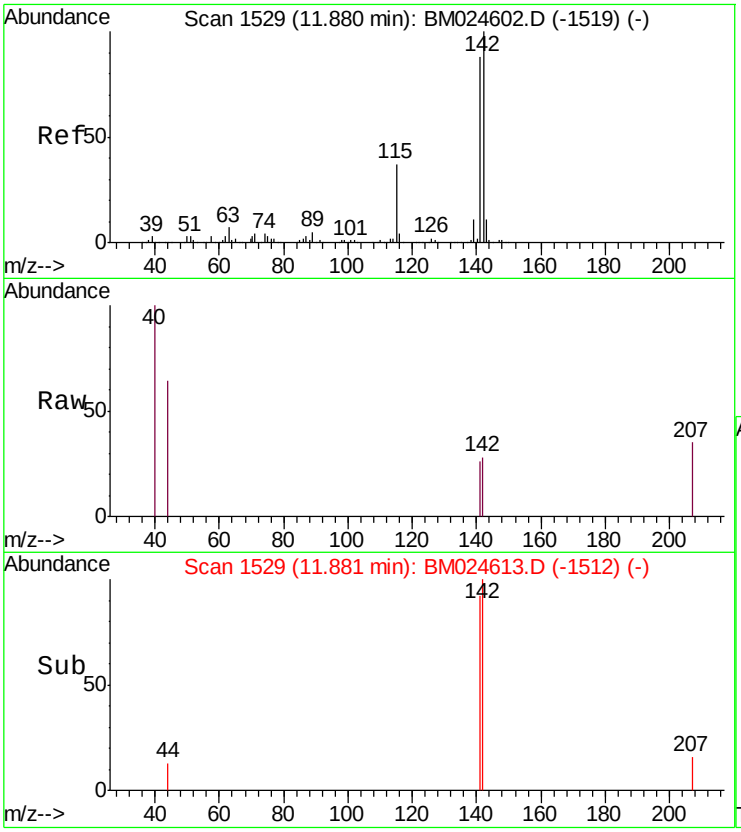


#31
Naphthalene
Concen: 0.005 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:128 Resp: 185

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.6	15.8#



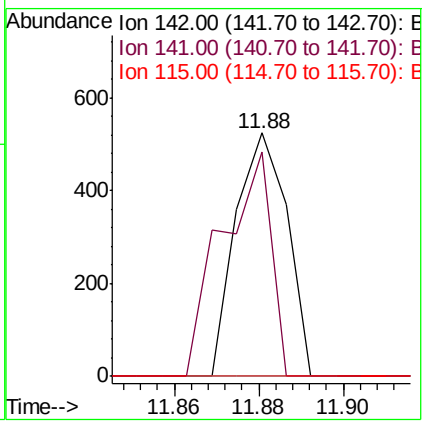


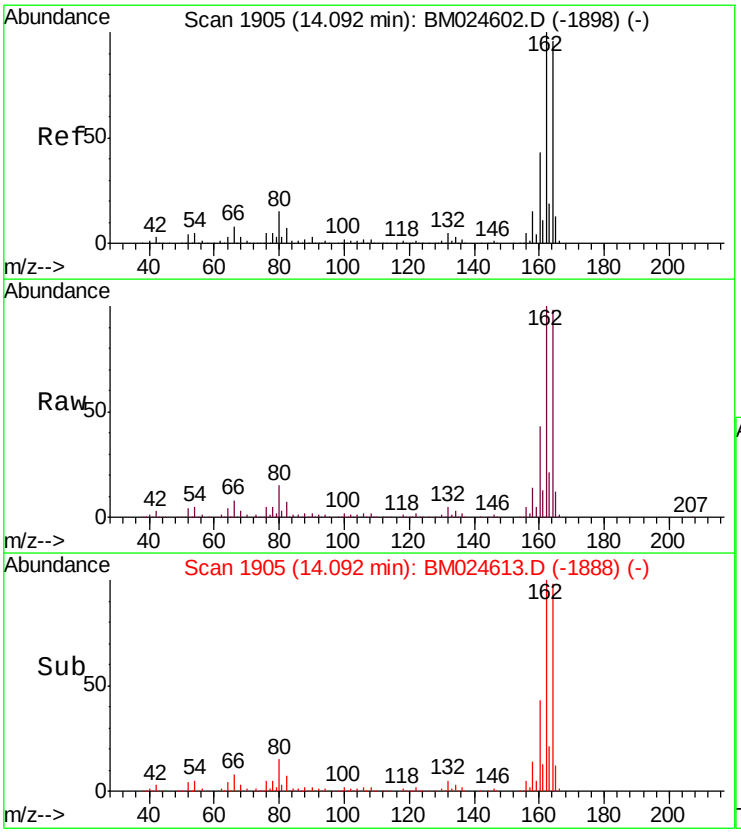
#37
2-Methylnaphthalene
Concen: 0.014 ng
RT: 11.88 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:142 Resp: 443

Ion	Ratio	Lower	Upper
142	100		
141	92.4	70.2	105.2
115	0.0	29.7	44.5#

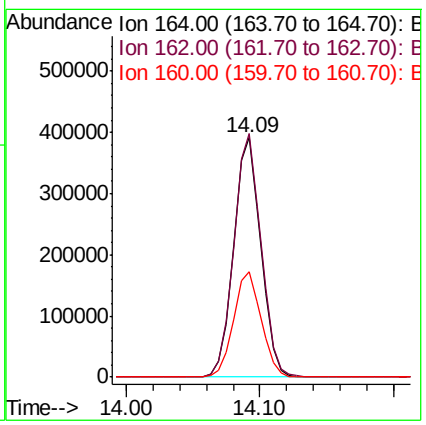


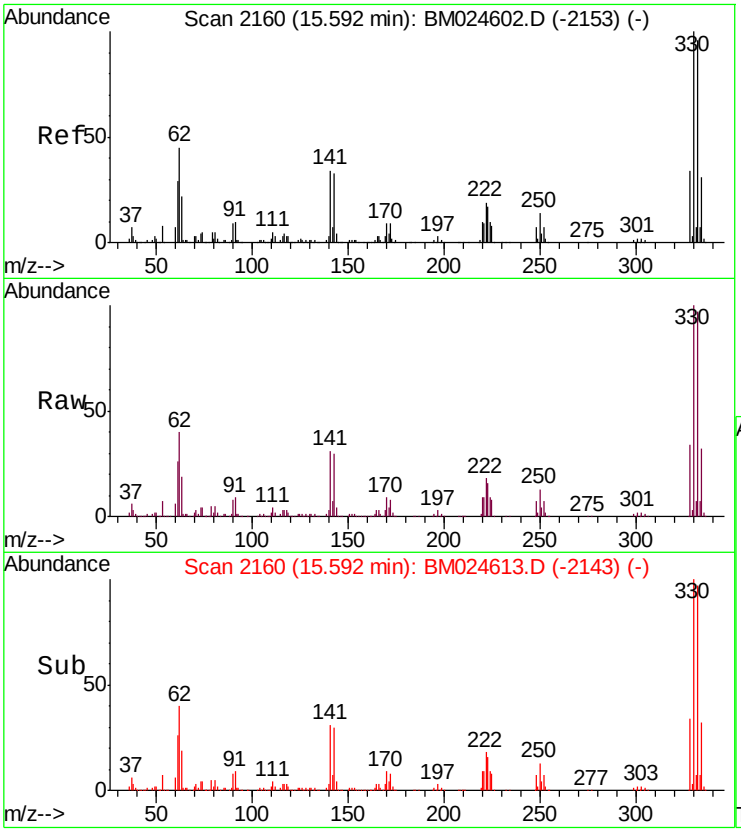


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.09 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:164 Resp: 551958

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.9	124.3
160	43.9	35.5	53.3



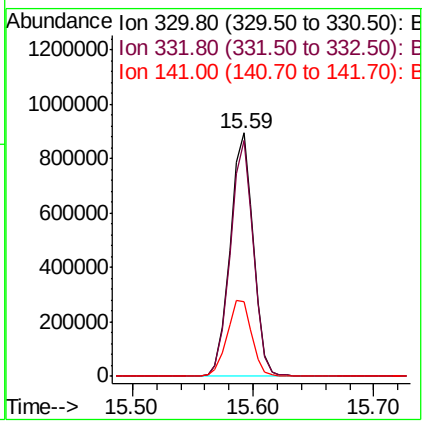


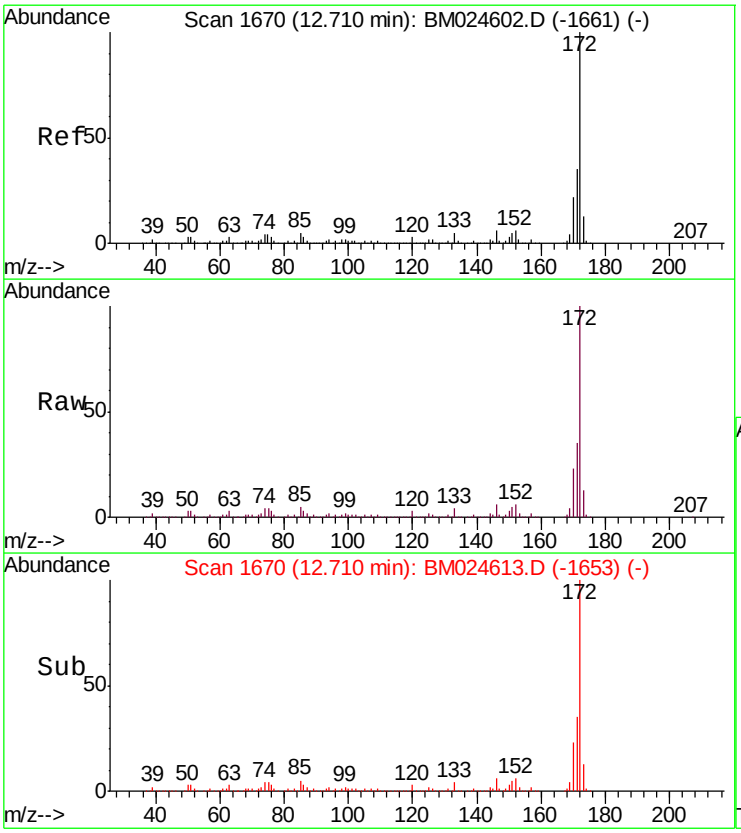
#42
2,4,6-Tribromophenol
Concen: 133.419 ng
RT: 15.59 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:330 Resp: 1197895

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.2	115.8
141	32.8	26.9	40.3

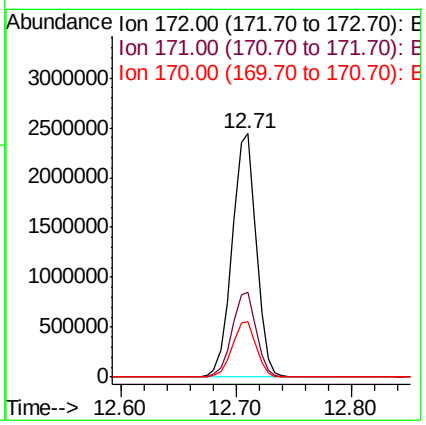


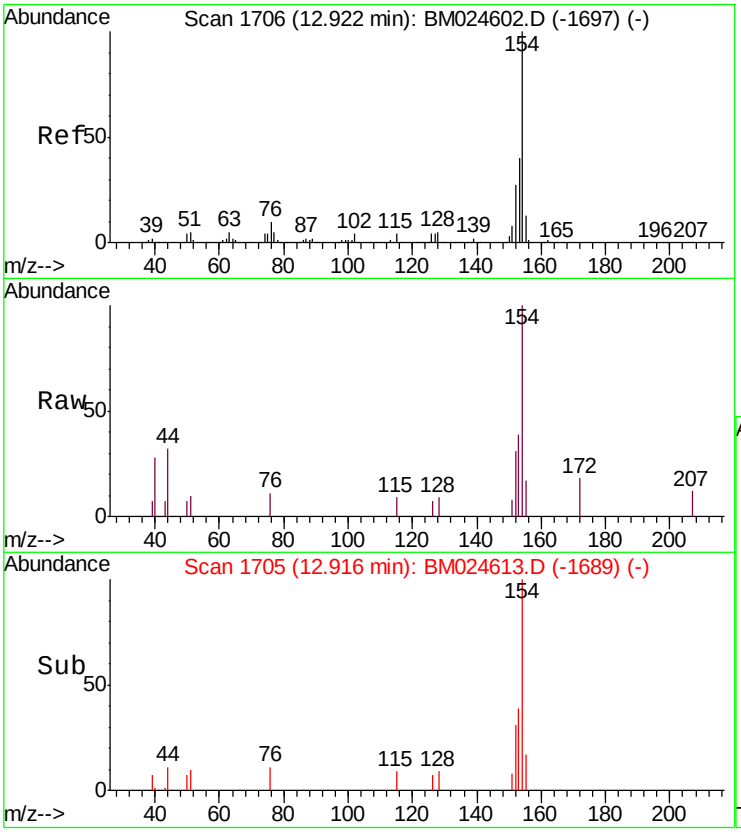


#45
2-Fluorobiphenyl
Concen: 86.773 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:172 Resp: 3523001

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.9	17.9	26.9



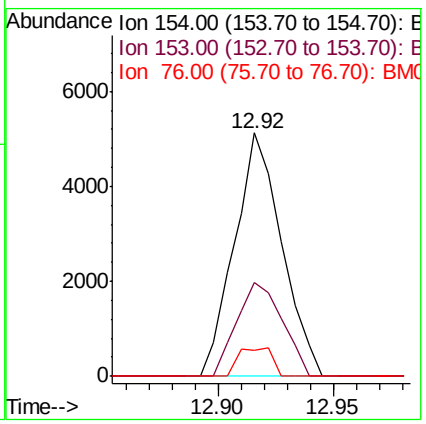


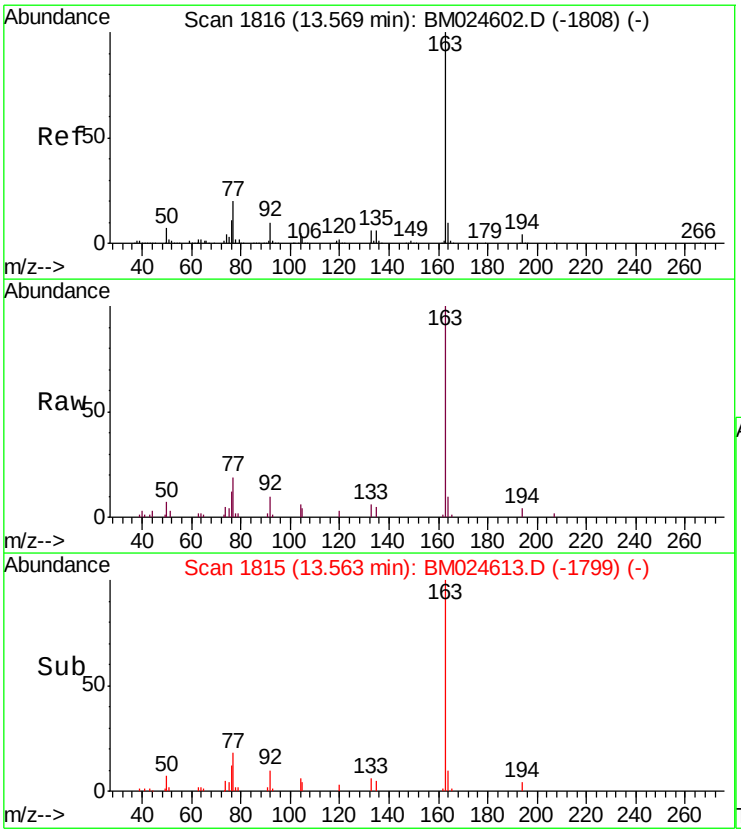
#46
1,1'-Biphenyl
Concen: 0.175 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:154 Resp: 7305

Ion	Ratio	Lower	Upper
154	100		
153	38.7	20.3	60.3
76	10.7	0.0	30.5

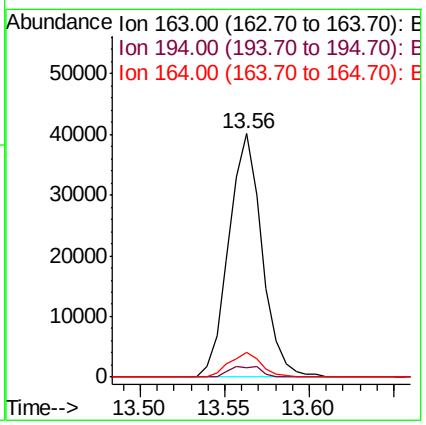


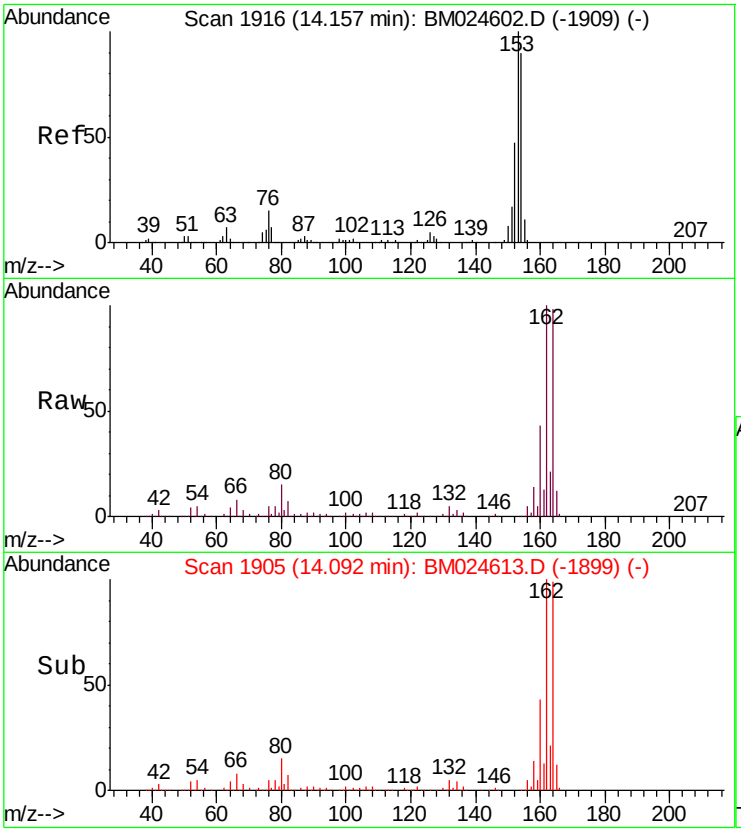


#50
Dimethylphthalate
Concen: 1.234 ng
RT: 13.56 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:163 Resp: 55059

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.1	8.0	12.0



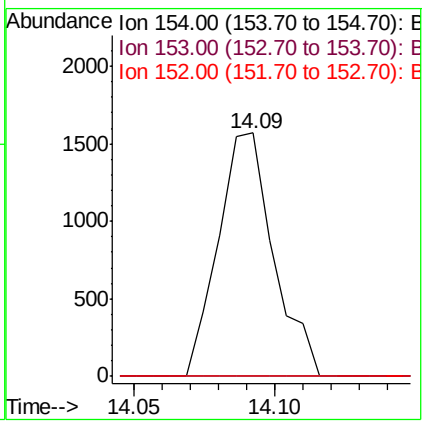


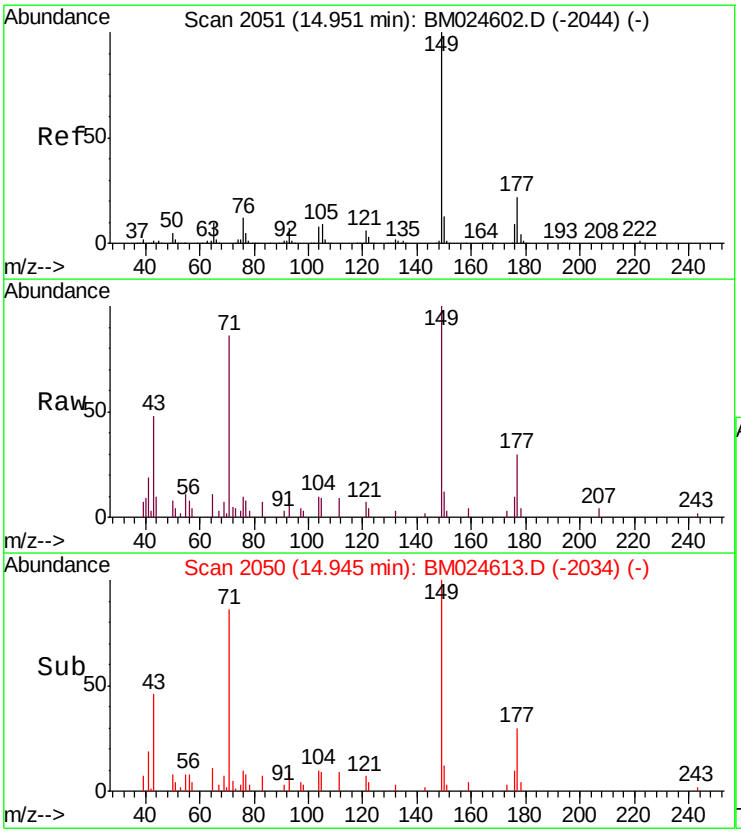
#52
Acenaphthene
Concen: 0.068 ng
RT: 14.09 min Scan# 1905
Delta R.T. -0.06 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:154 Resp: 2137

Ion	Ratio	Lower	Upper
154	100		
153	0.0	89.1	133.7#
152	0.0	41.9	62.9#

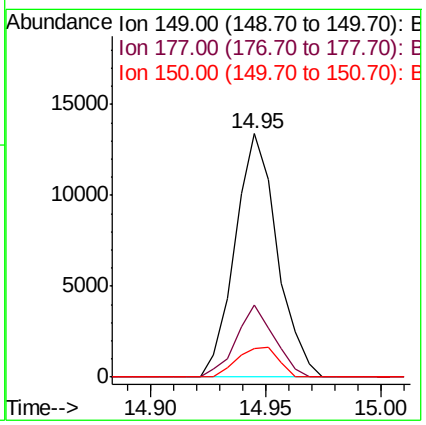


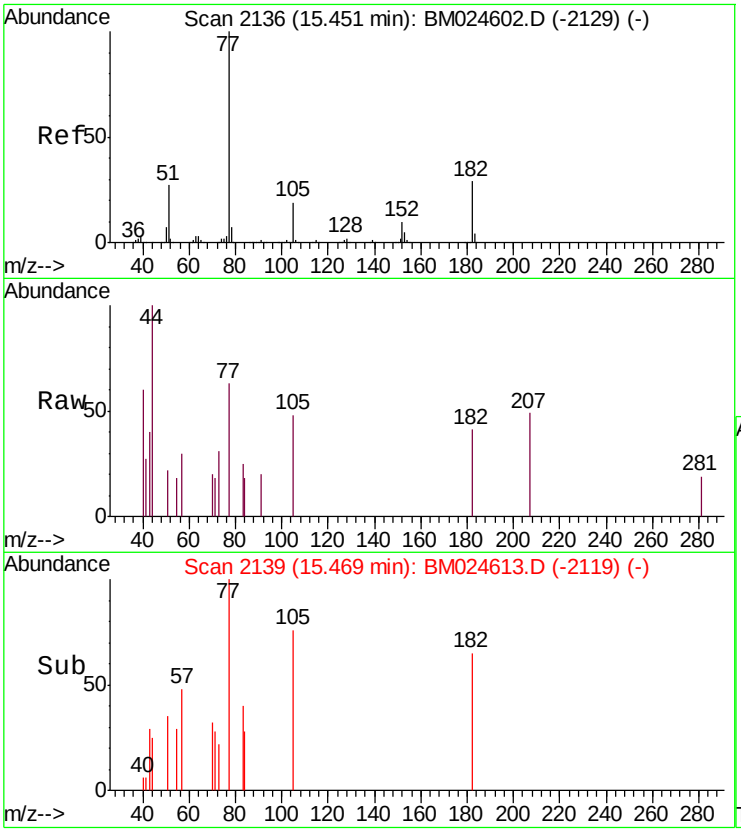


#60
Diethylphthalate
Concen: 0.376 ng
RT: 14.95 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:149 Resp: 17052

Ion	Ratio	Lower	Upper
149	100		
177	29.6	18.0	27.0#
150	11.9	10.2	15.4



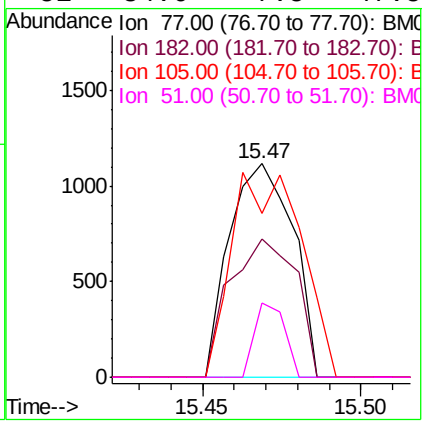


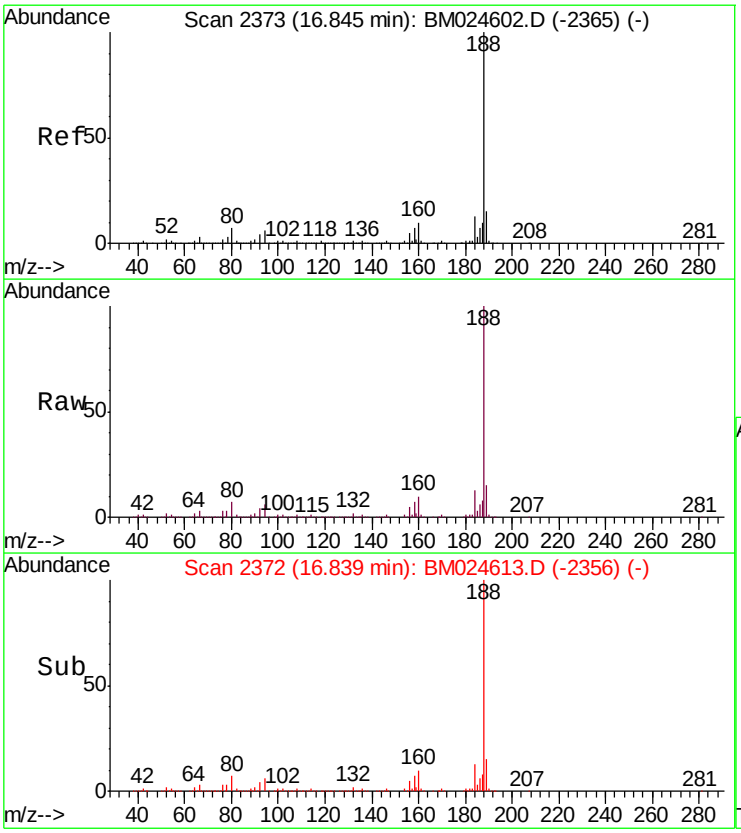
#63
Azobenzene
Concen: 0.040 ng
RT: 15.47 min Scan# 2139
Delta R.T. 0.02 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion: 77 Resp: 1551

Ion	Ratio	Lower	Upper
77	100		
182	64.7	8.7	48.7#
105	76.5	0.0	39.2#
51	34.6	7.5	47.5

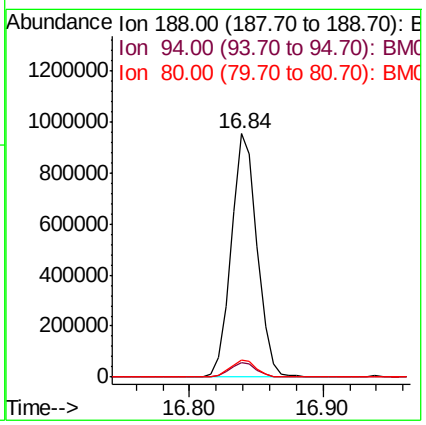


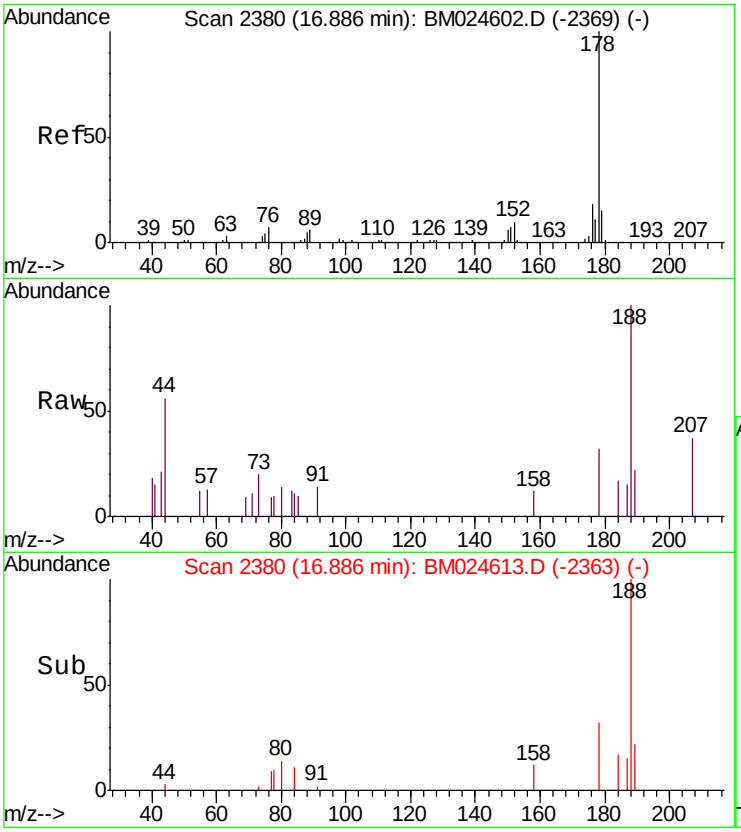


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:188 Resp: 1288757

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.6
80	7.1	5.8	8.8



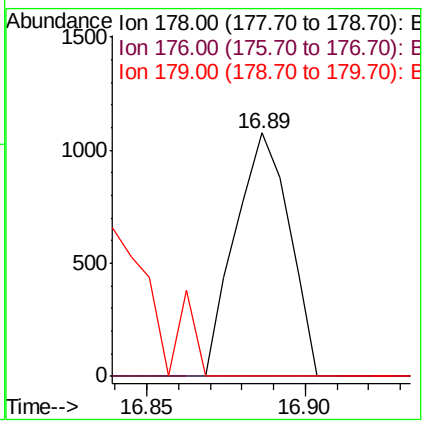


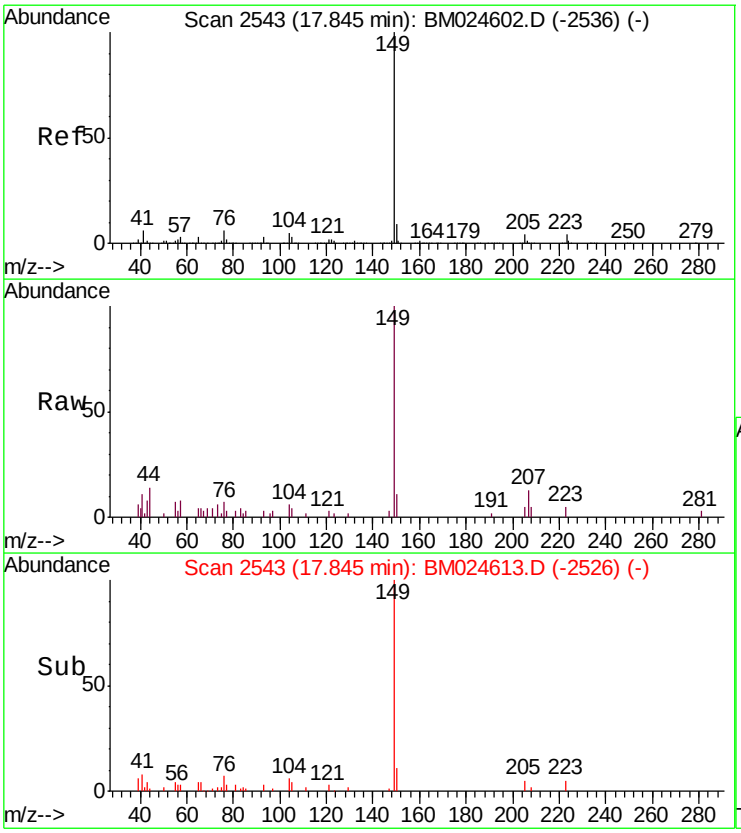
#71
Phenanthrene
Concen: 0.018 ng
RT: 16.89 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:178 Resp: 1275

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.5	21.7#
179	0.0	11.9	17.9#

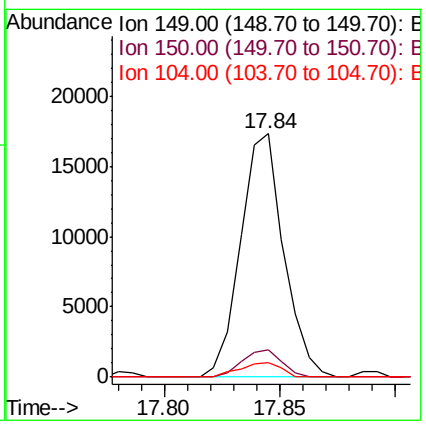


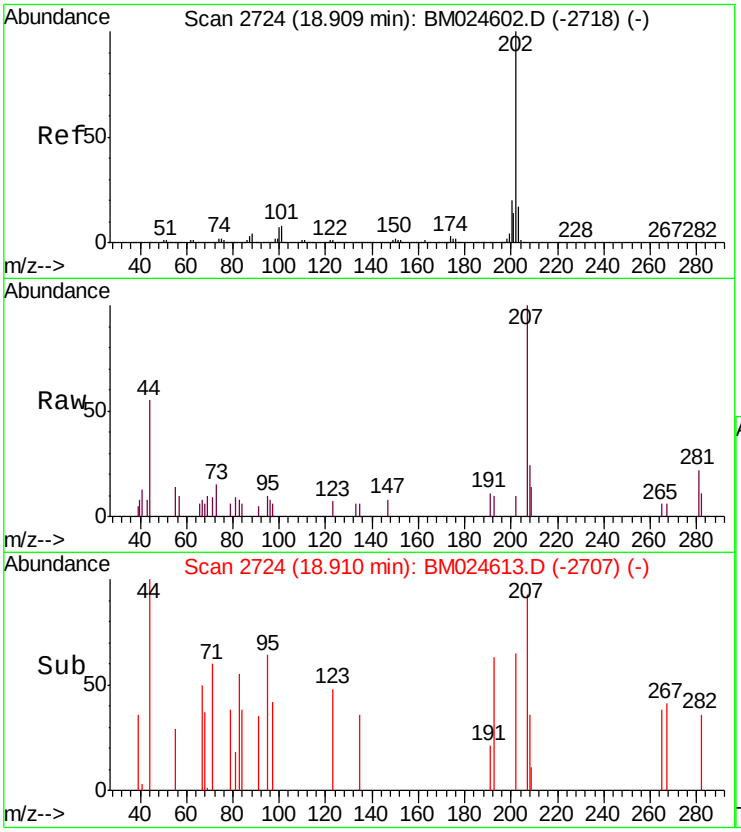


#74
Di-n-butylphthalate
Concen: 0.283 ng
RT: 17.84 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:149 Resp: 22507

Ion	Ratio	Lower	Upper
149	100		
150	11.2	7.4	11.0#
104	6.2	4.3	6.5



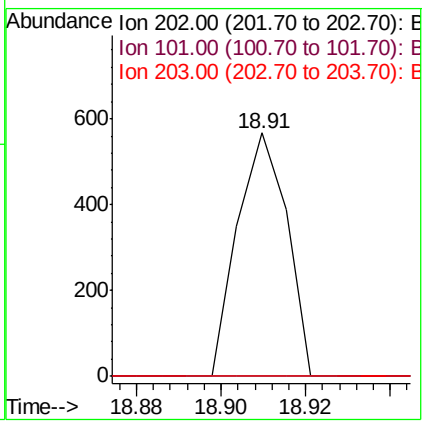


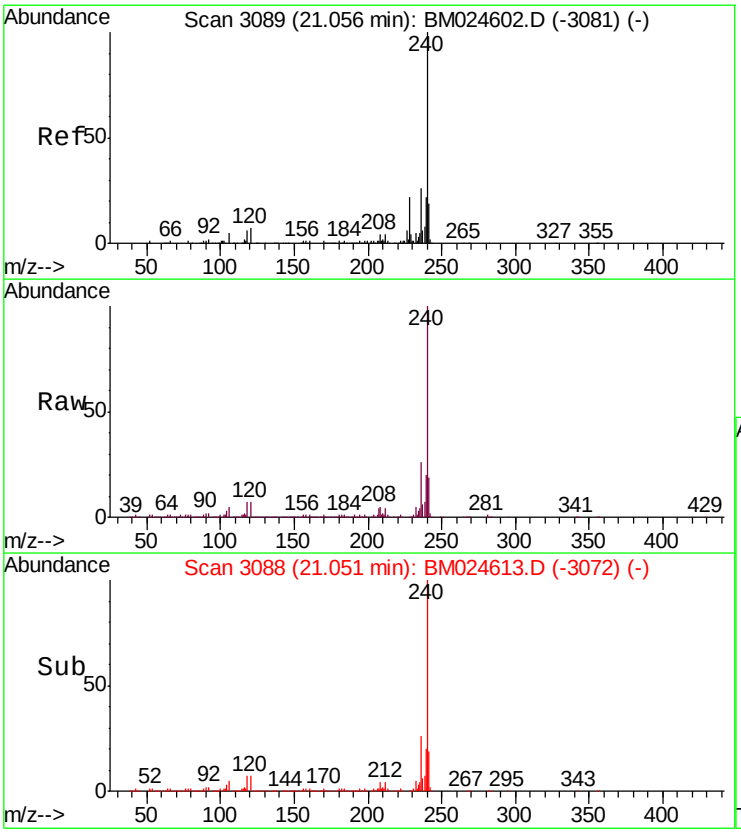
#75
Fluoranthene
Concen: 0.005 ng
RT: 18.91 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:202 Resp: 460

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.4
203	0.0	0.0	37.5

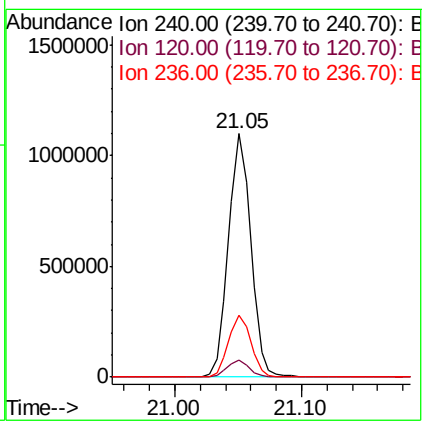


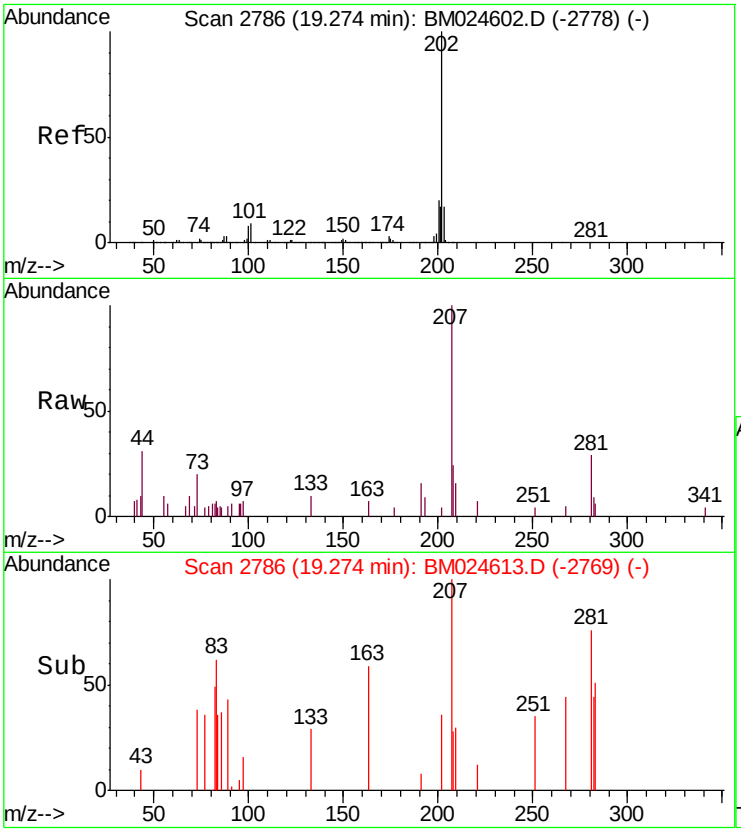


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:240 Resp: 1347453

Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.3	7.9
236	25.6	20.6	31.0



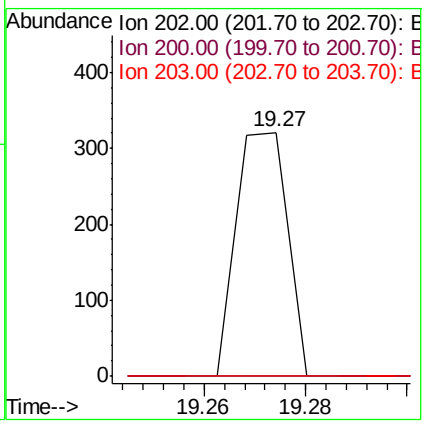


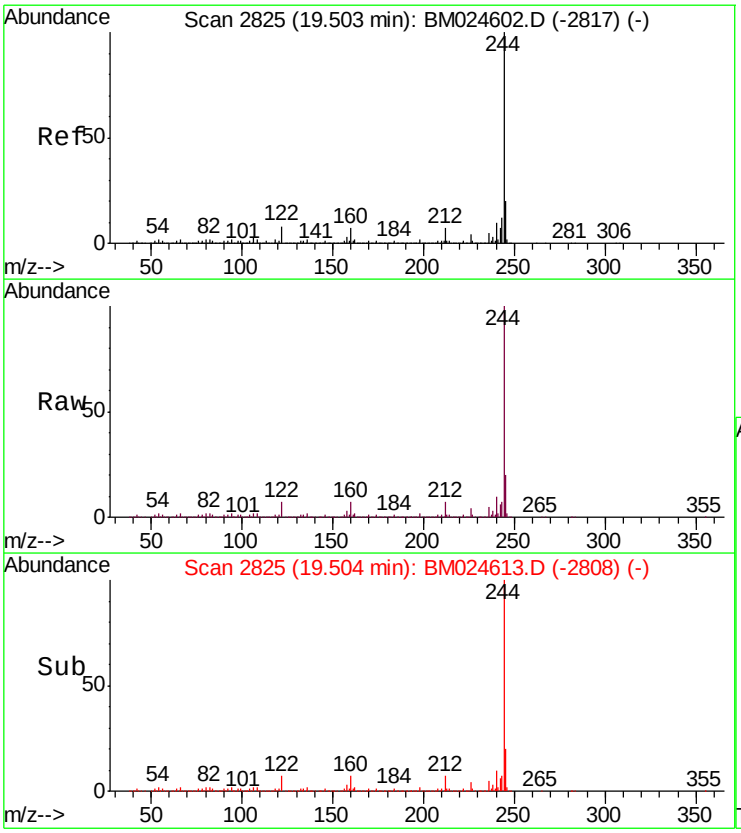
#78
Pyrene
Concen: 0.003 ng
RT: 19.27 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:202 Resp: 225

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.2	24.2#
203	0.0	14.0	21.0#

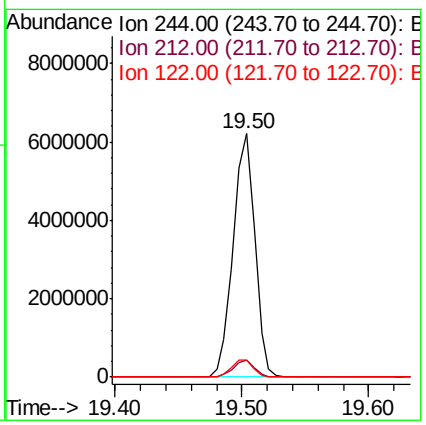


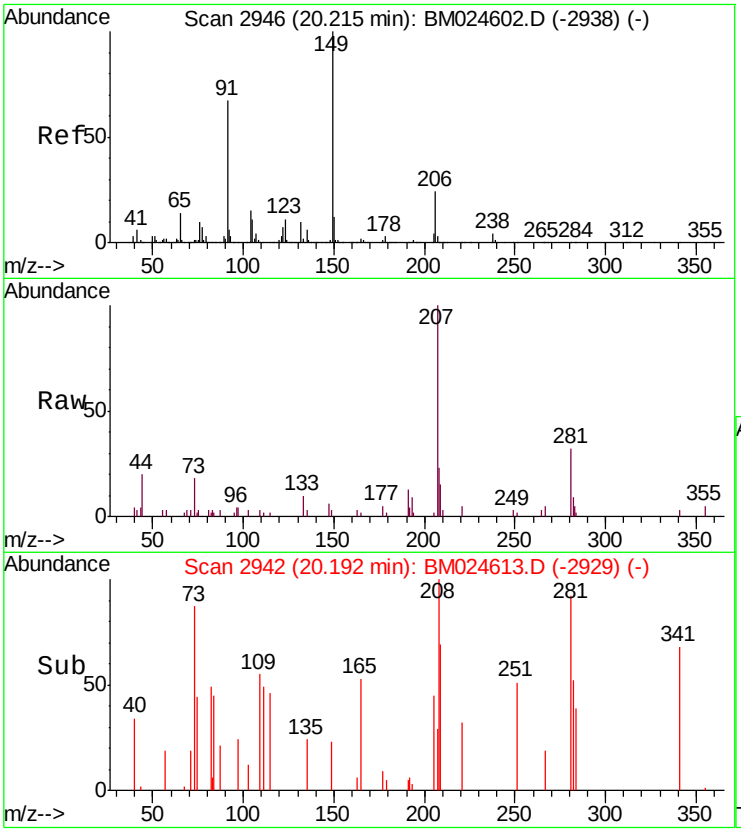


#79
Terphenyl-d14
Concen: 101.371 ng
RT: 19.50 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:244 Resp: 7316554

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	7.0	6.2	9.4



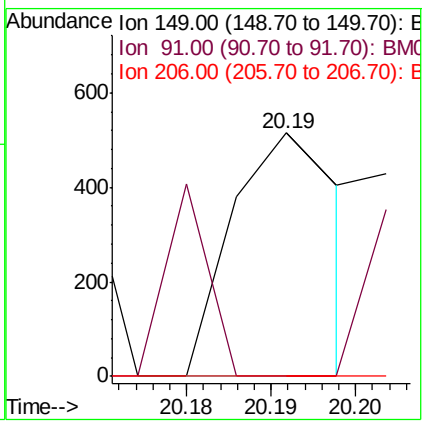


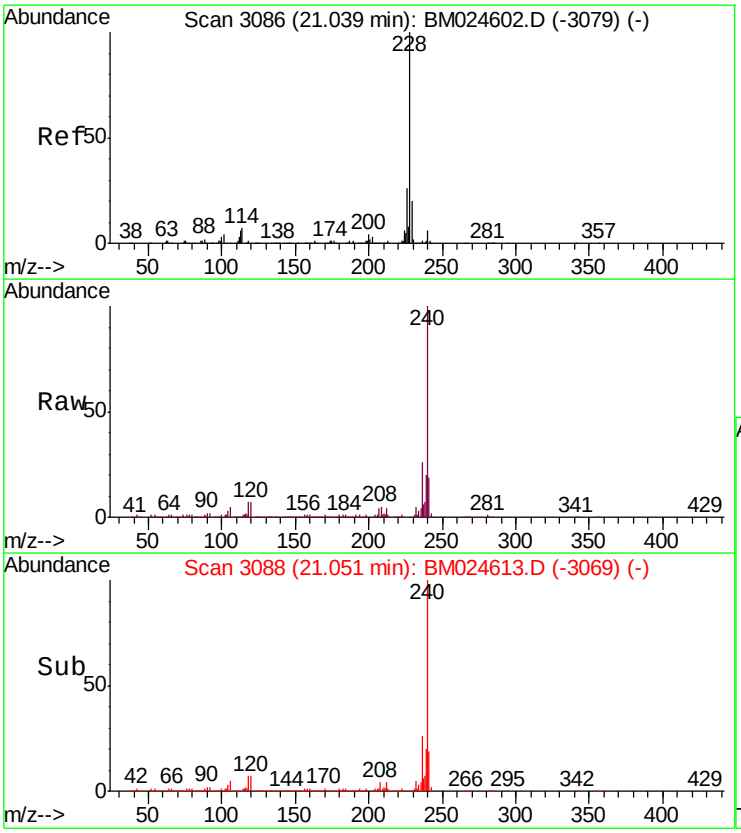
#80
Butylbenzylphthalate
Concen: 0.012 ng
RT: 20.19 min Scan# 2942
Delta R.T. -0.02 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:149 Resp: 459

Ion	Ratio	Lower	Upper
149	100		
91	0.0	53.9	80.9#
206	0.0	19.0	28.6#

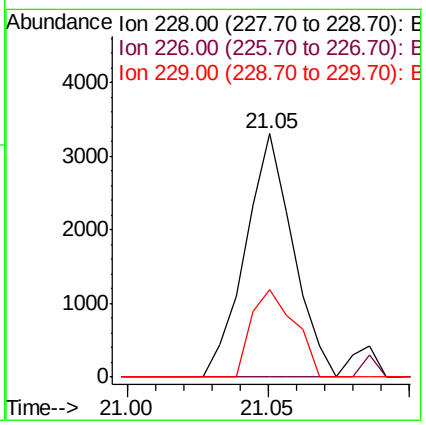


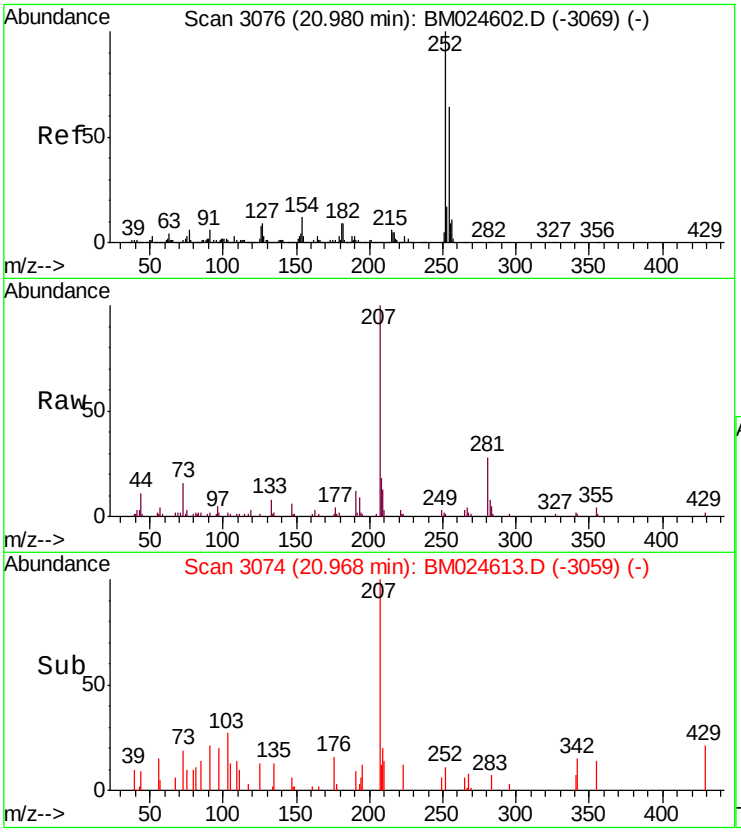


#81
Benzo(a)anthracene
Concen: 0.041 ng
RT: 21.05 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:228 Resp: 3866

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.1	31.7#
229	35.7	15.8	23.6#



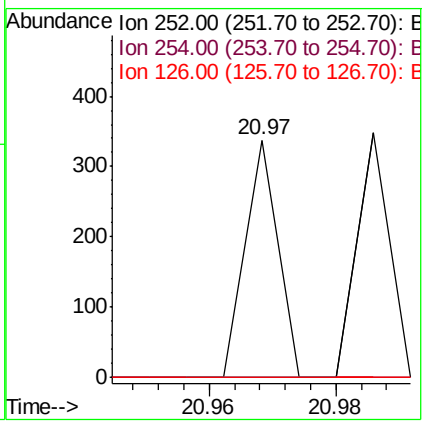


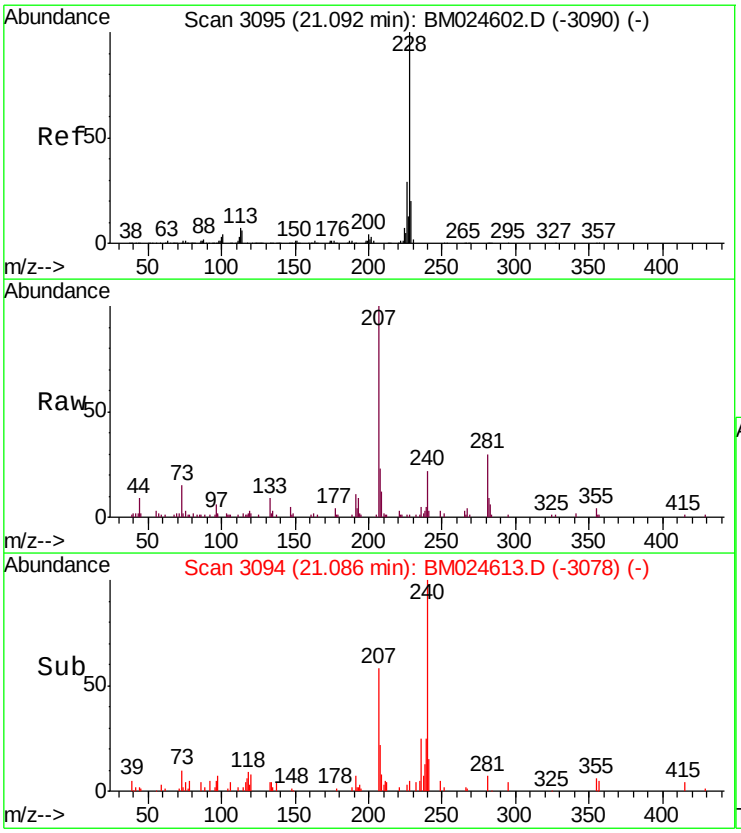
#82
3,3'-Dichlorobenzidine
Concen: 0.004 ng
RT: 20.97 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:252 Resp: 119

Ion	Ratio	Lower	Upper
252	100		
254	0.0	51.5	77.3#
126	0.0	6.7	10.1#

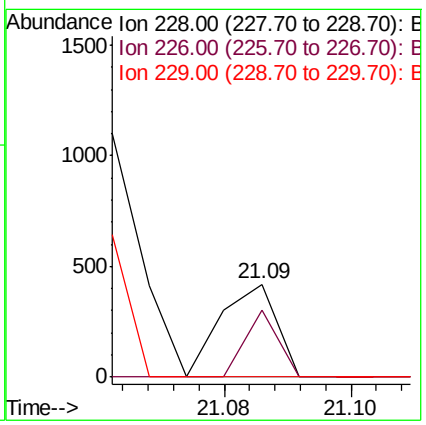


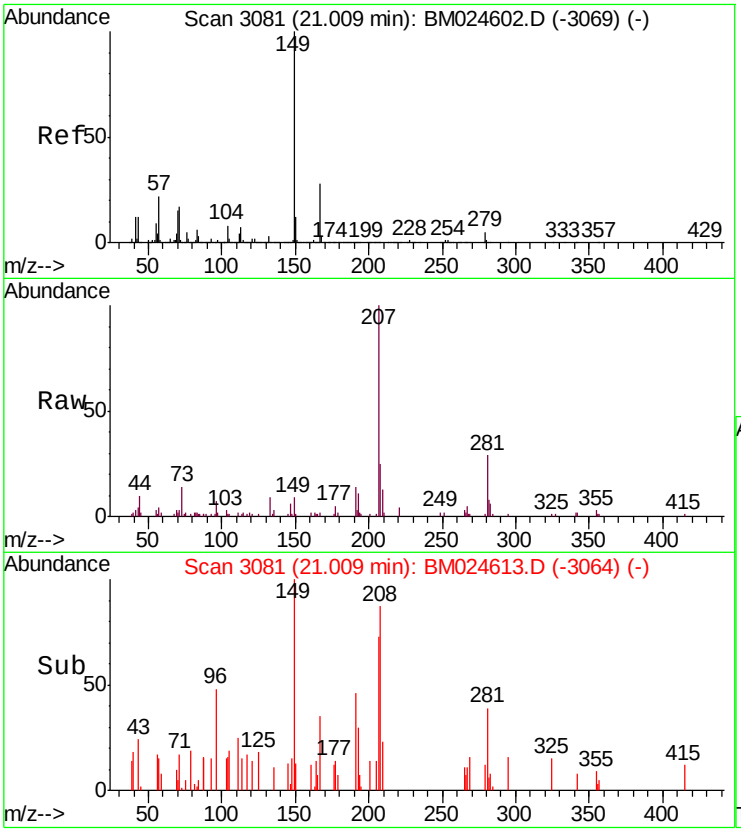


#83
Chrysene
Concen: 0.003 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:228 Resp: 254

Ion	Ratio	Lower	Upper
228	100		
226	71.6	23.2	34.8#
229	0.0	15.7	23.5#



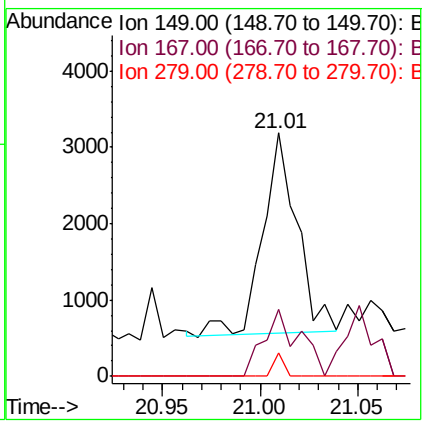


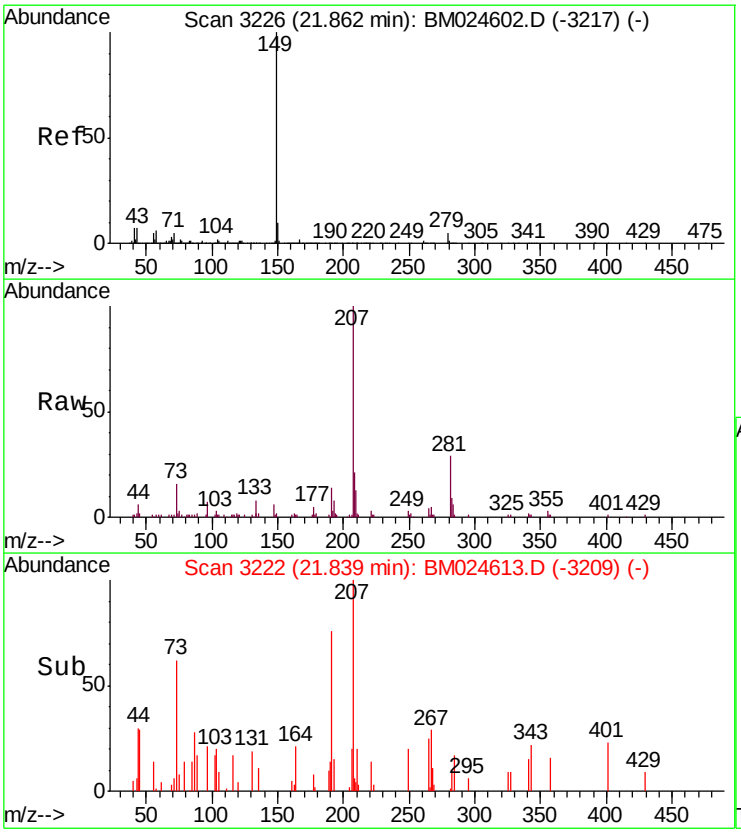
#84
Bis(2-ethylhexyl)phthalate
Concen: 0.058 ng
RT: 21.01 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:149 Resp: 3205

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	9.7	4.0	6.0#

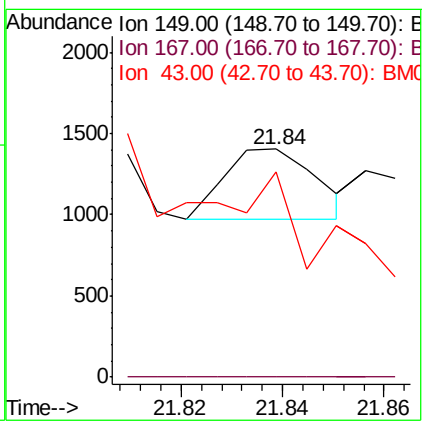


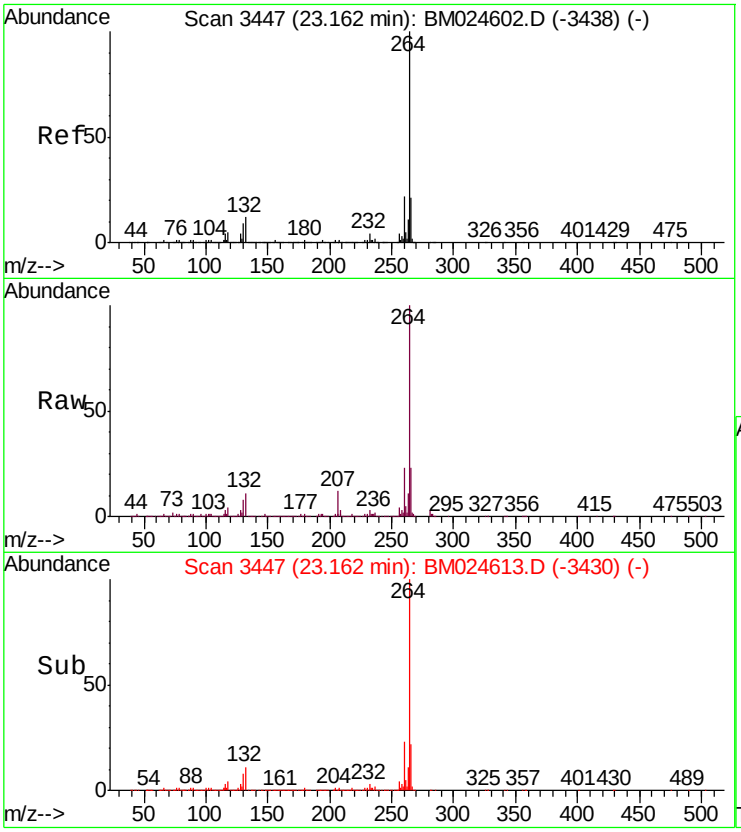


#85
Di-n-octyl phthalate
Concen: 0.006 ng
RT: 21.84 min Scan# 3222
Delta R.T. -0.02 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:149 Resp: 538

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	0.0	5.8	8.6#



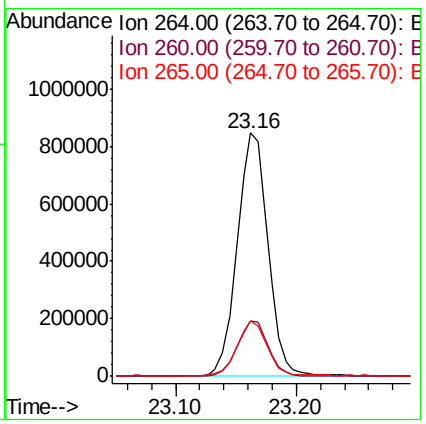


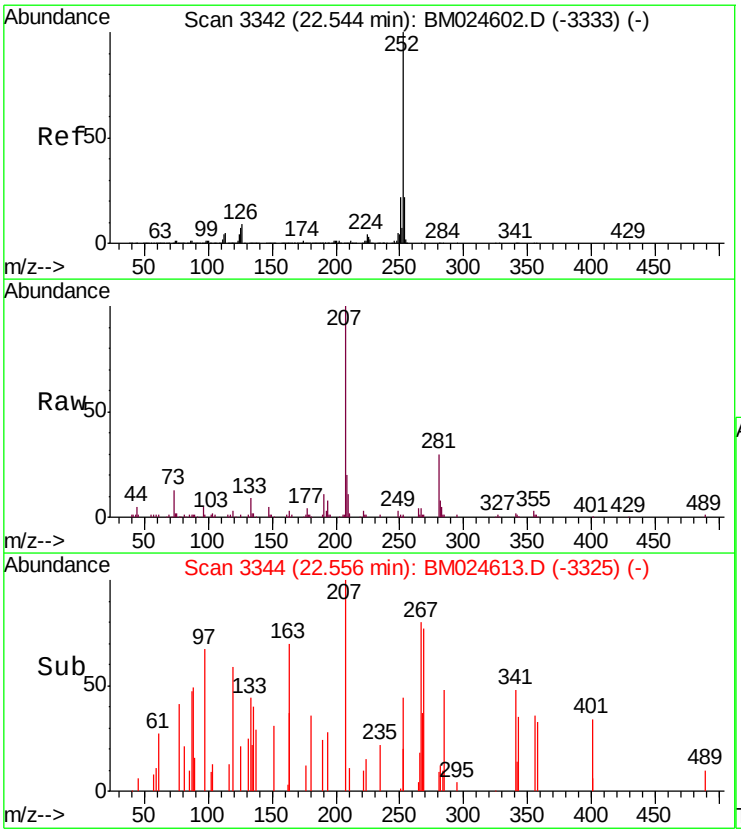
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.16 min Scan# 3447
Delta R.T. 0.00 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:264 Resp: 1510078

Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.9	26.9
265	22.7	17.3	25.9

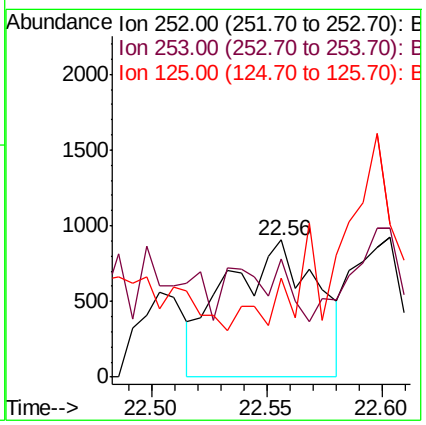


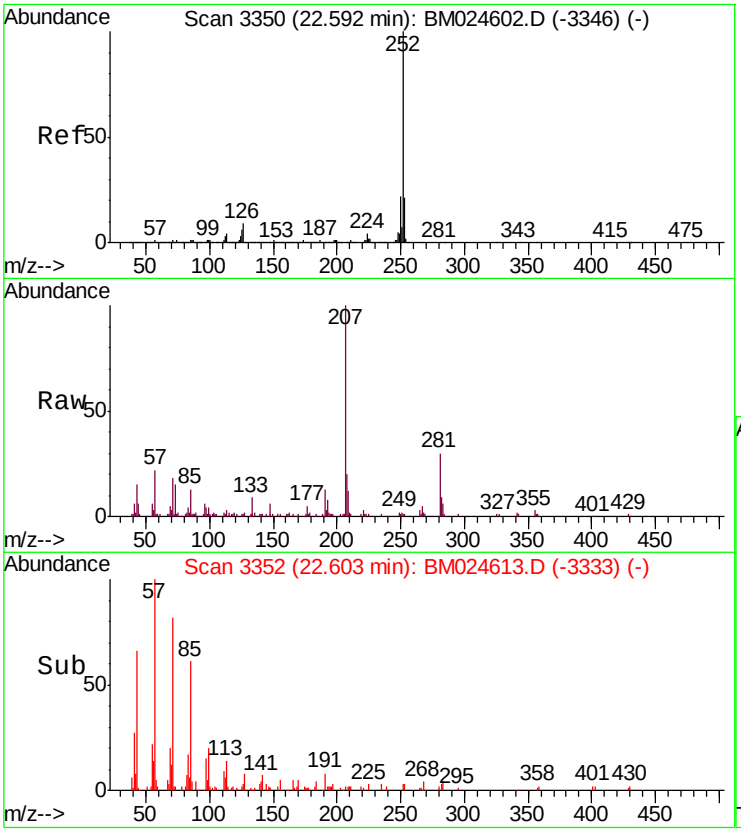


#88
Benzo(b)fluoranthene
Concen: 0.025 ng
RT: 22.56 min Scan# 3344
Delta R.T. 0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:252 Resp: 2453

Ion	Ratio	Lower	Upper
252	100		
253	86.1	17.6	26.4#
125	72.0	5.7	8.5#



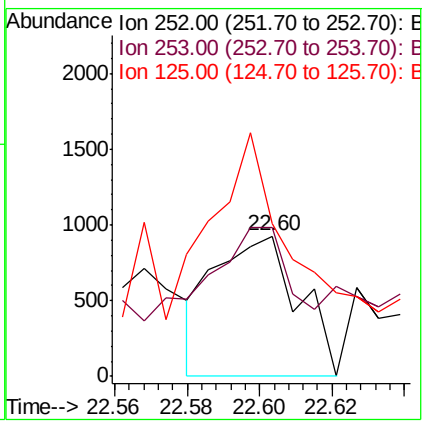


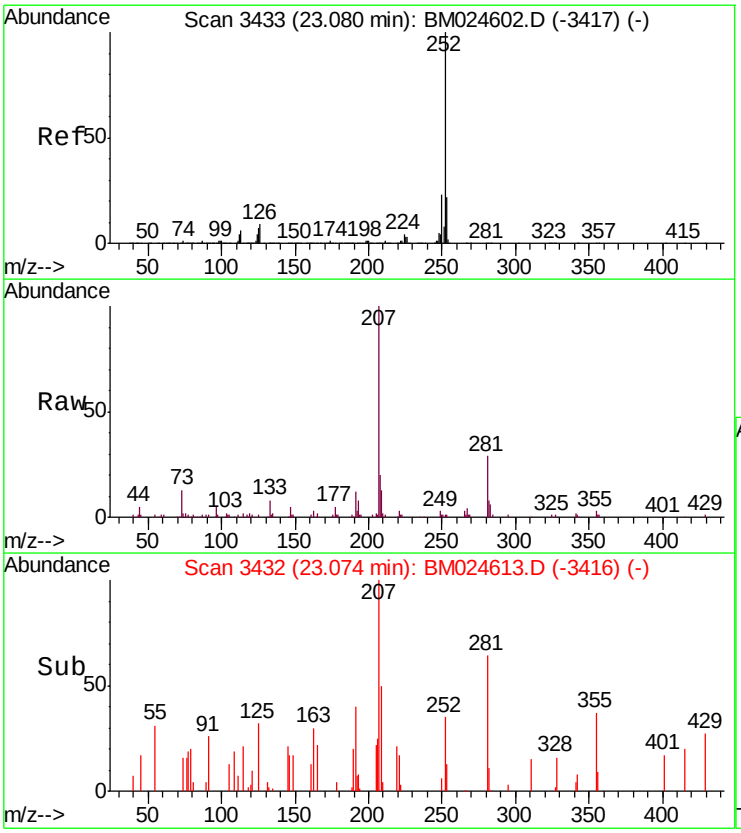
#89
Benzo(k)fluoranthene
Concen: 0.016 ng
RT: 22.60 min Scan# 3352
Delta R.T. 0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Instrument :
BNA_M
ClientSampleId :
PB125839BL

Tgt Ion:252 Resp: 1502

Ion	Ratio	Lower	Upper
252	100		
253	105.8	17.3	25.9#
125	109.2	5.2	7.8#





#90
Benzo(a)pyrene
Concen: 0.012 ng
RT: 23.07 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM024613.D
Acq: 23 Jan 2020 18:21

Tgt Ion:252 Resp: 1051

Ion	Ratio	Lower	Upper
252	100		
253	95.7	17.3	25.9#
125	93.4	5.8	8.8#