Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024495.D
Acq On : 17 Jan 2020 13:50
Operator : JU
Sample : L1071-07
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2L45

Quant Time: Jan 17 14:25:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 17 12:17:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	188637	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	848449	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	630747	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1492982	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1531287	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1629151	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	13663	3.54	ng/uL	0.00
5) Phenol-d5	6.65	99	332795	23.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	184775	23.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	296128	24.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	299398	23.22	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	151558	25.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	171050	26.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	412769	28.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	312681	19.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1429794	28.93	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1556112	27.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	192882	23.38	ng/ul	0.00
58) Fluorene-d10	15.11	176	1243569	28.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	147255	17.28	ng/ul	0.00
71) Anthracene-d10	16.96	188	2072290	29.85	ng/ul	0.00
79) Pyrene-d10	19.26	212	2486607	30.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	2548273	30.16	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.68	94	535701	37.703	ng/ul	98
20) Nitrobenzene	8.64	77	498799	34.574	ng/ul	96
21) Isophorone	9.17	82	1316066	46.332	ng/ul	100
27) 2,4-Dichlorophenol	9.88	162	991446	70.322	ng/ul	98
28) Naphthalene	10.27	128	2185499	50.280	ng/ul	100
39) 2,4,6-Trichlorophenol	12.52	196	855028	67.346	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	2114552	57.400	ng/ul	99
57) Diethylphthalate	14.96	149	2877831	55.789	ng/ul	99
65) N-Nitrosodiphenylamine	15.39	169	1650132	39.794	ng/ul	99
67) Hexachlorobenzene	16.17	284	718168	35.332	ng/ul	96
68) Atrazine	16.35	200	802379	45.981	ng/ul	99
70) Phenanthrene	16.90	178	3179323	39.487	ng/ul	100
75) Carbazole	17.27	167	4465782	64.641	ng/ul	99
81) Butylbenzylphthalate	20.23	149	1564313	42.491	ng/ul	98
85) Chrysene	21.10	228	4382989	43.605	ng/ul	99
87) Di-n-octyl phthalate	21.88	149	5949959	53.357	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	5829260	54.136	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	4163442	39.343	ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	4396135	56.495	ng/ul	99

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

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 17 12:17:39 2020
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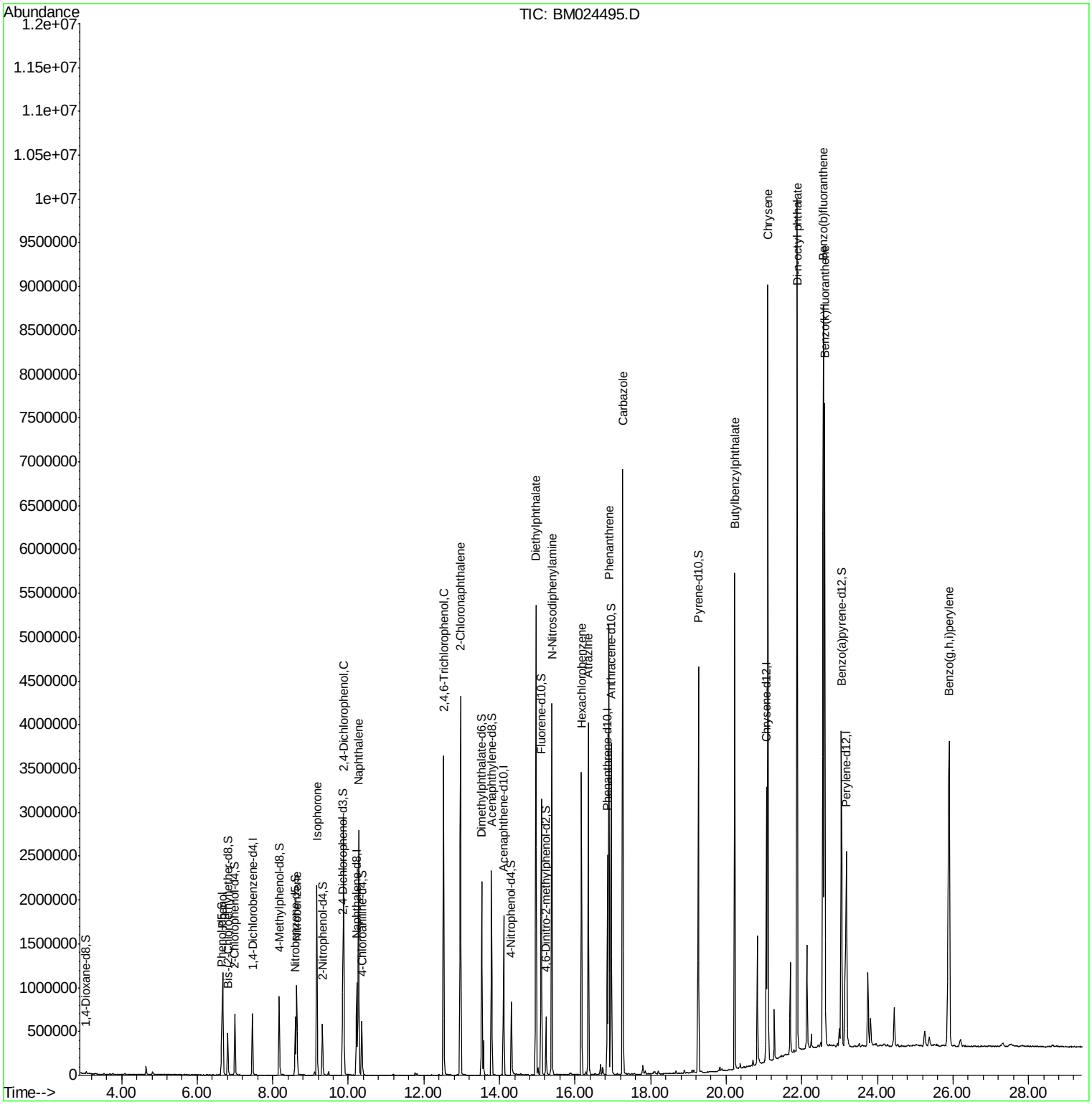
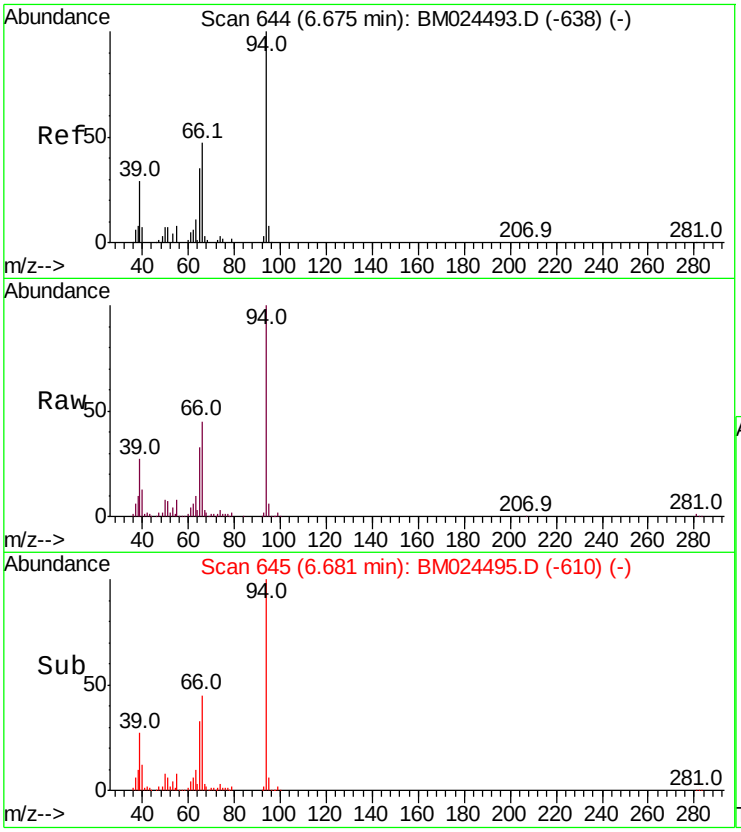


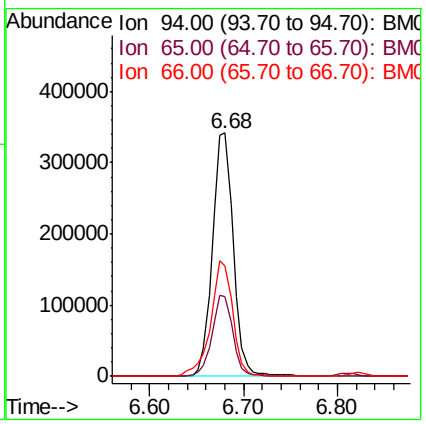


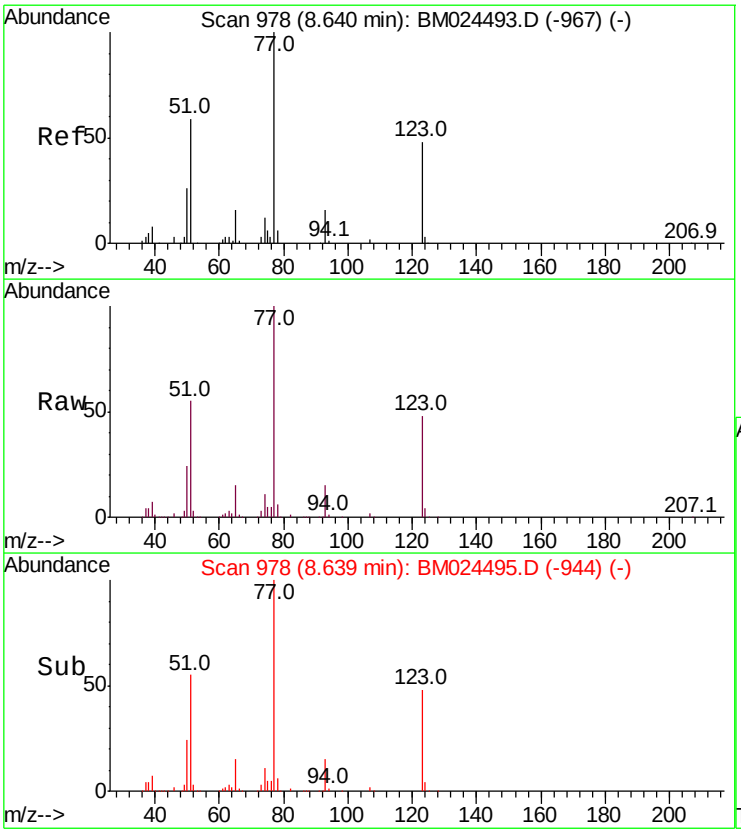
#6
Phenol
Concen: 37.703 ng/ul
RT: 6.68 min Scan# 645
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion: 94 Resp: 535701

Ion	Ratio	Lower	Upper
94	100		
65	33.0	26.7	40.1
66	45.3	38.1	57.1

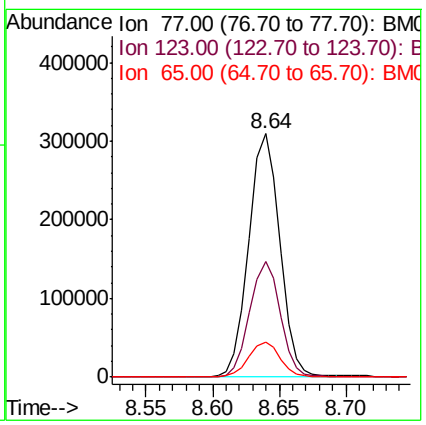


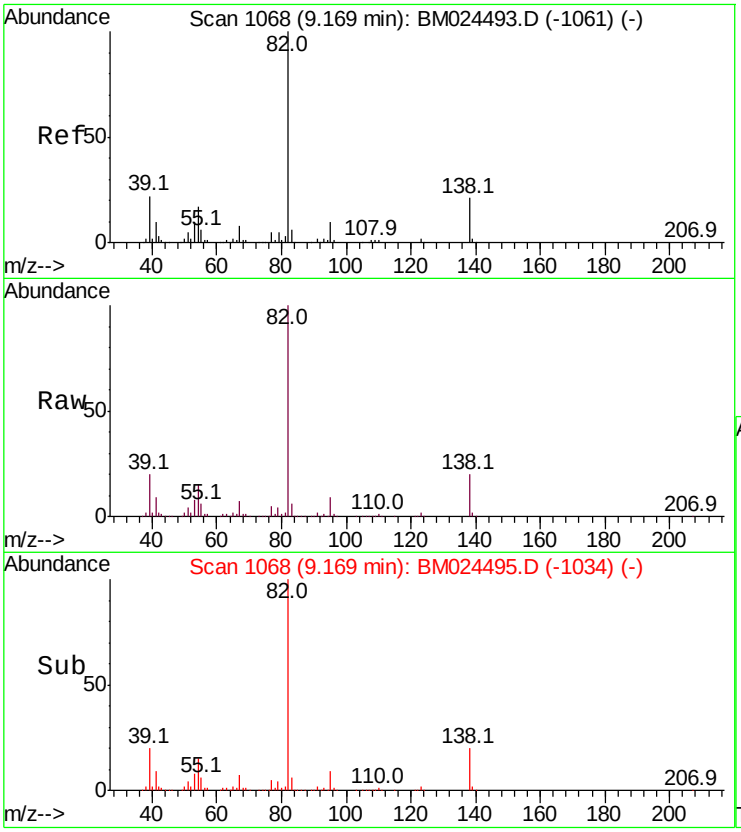


#20
Nitrobenzene
Concen: 34.574 ng/ul
RT: 8.64 min Scan# 978
Delta R.T. -0.00 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion: 77 Resp: 498799

Ion	Ratio	Lower	Upper
77	100		
123	47.7	35.7	53.5
65	14.5	11.5	17.3



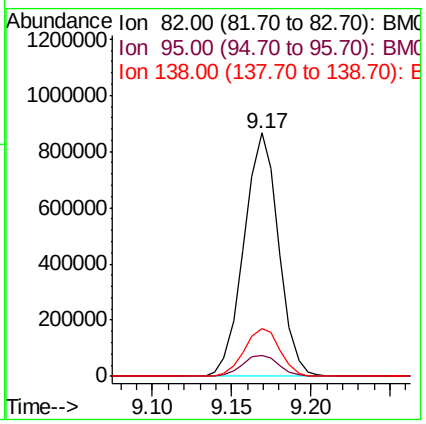


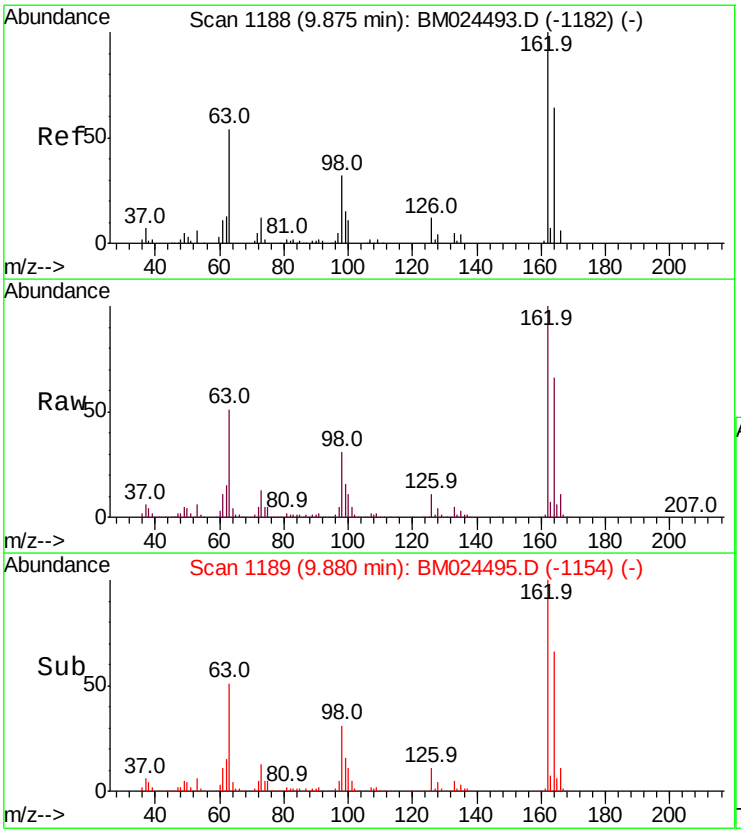
#21
Isophorone
Concen: 46.332 ng/ul
RT: 9.17 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion: 82 Resp: 1316066

Ion	Ratio	Lower	Upper
82	100		
95	8.8	7.2	10.8
138	19.8	15.8	23.8

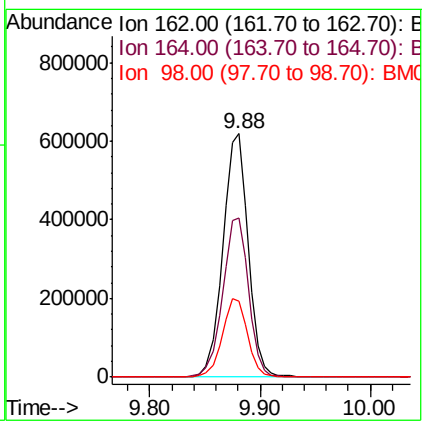


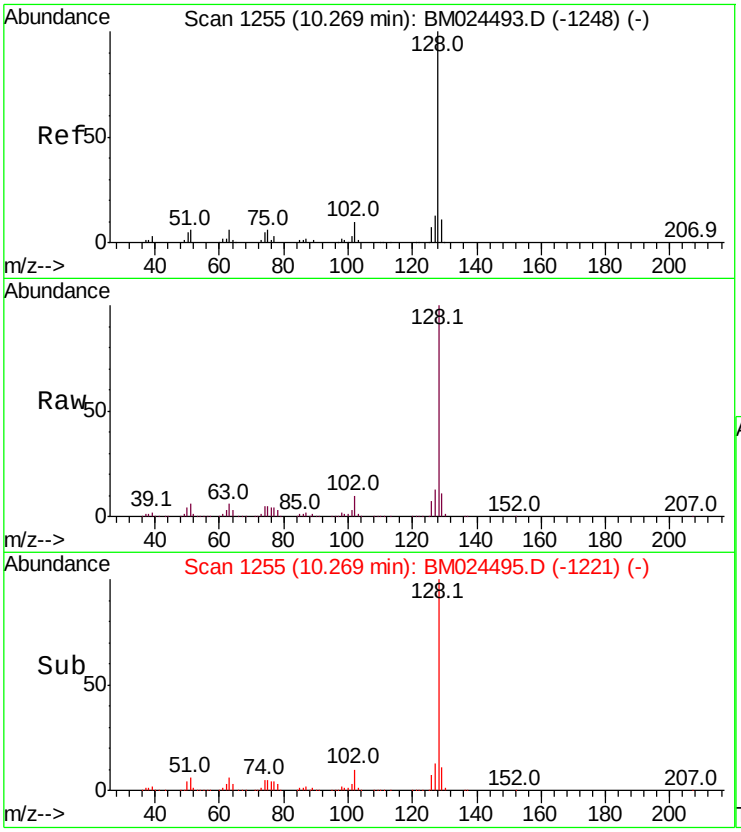


#27
2,4-Dichlorophenol
Concen: 70.322 ng/ul
RT: 9.88 min Scan# 1189
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion:162 Resp: 991446

Ion	Ratio	Lower	Upper
162	100		
164	65.6	51.4	77.2
98	31.3	24.3	36.5



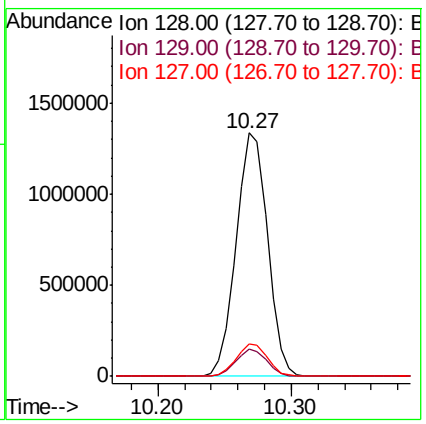


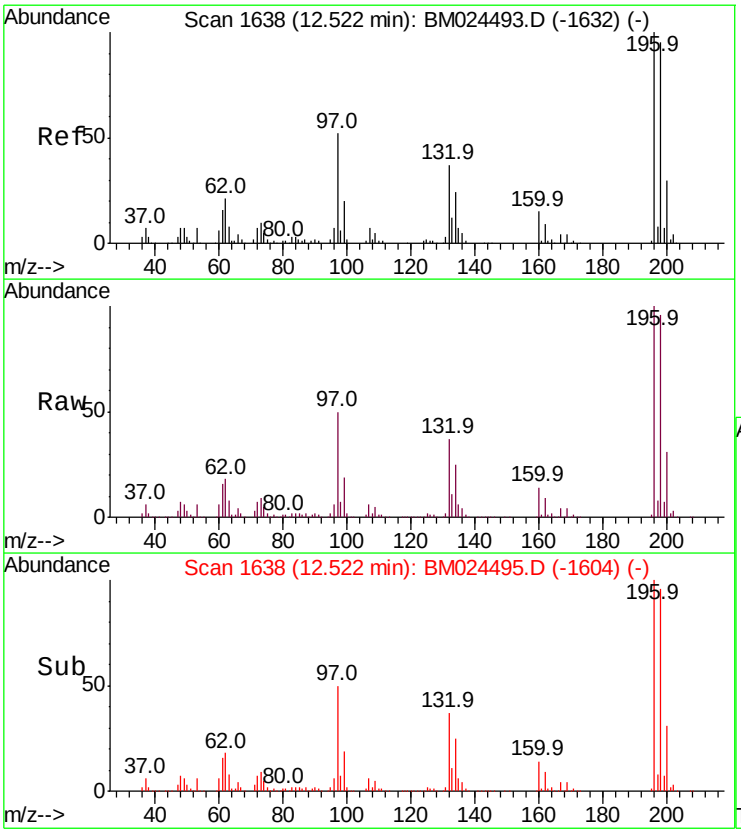
#28
Naphthalene
Concen: 50.280 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion:128 Resp: 2185499

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.1	10.4	15.6

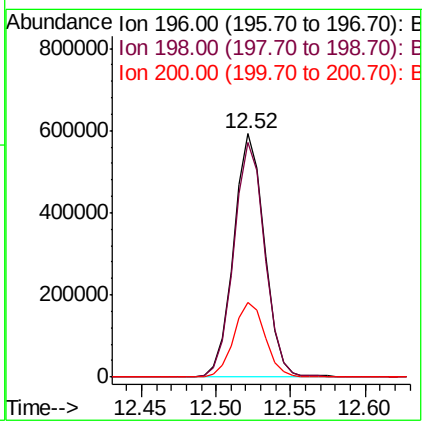


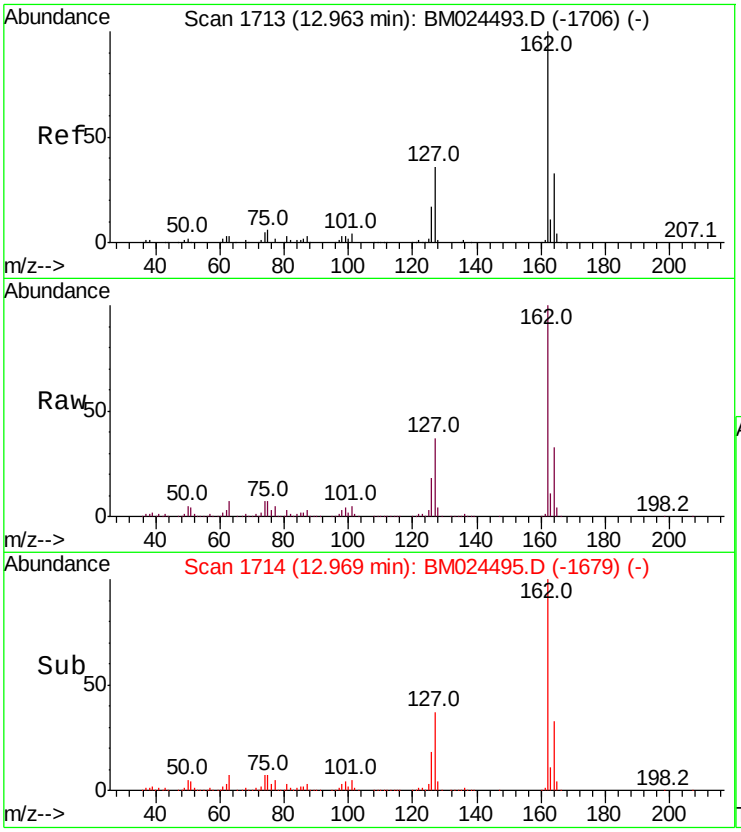


#39
2,4,6-Trichlorophenol
Concen: 67.346 ng/ul
RT: 12.52 min Scan# 1638
Delta R.T. -0.00 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion:196 Resp: 855028

Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	114.8
200	30.6	25.8	38.8



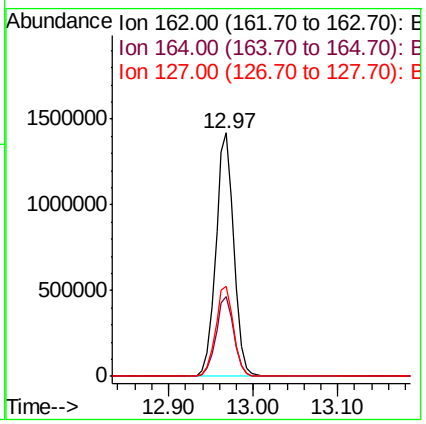


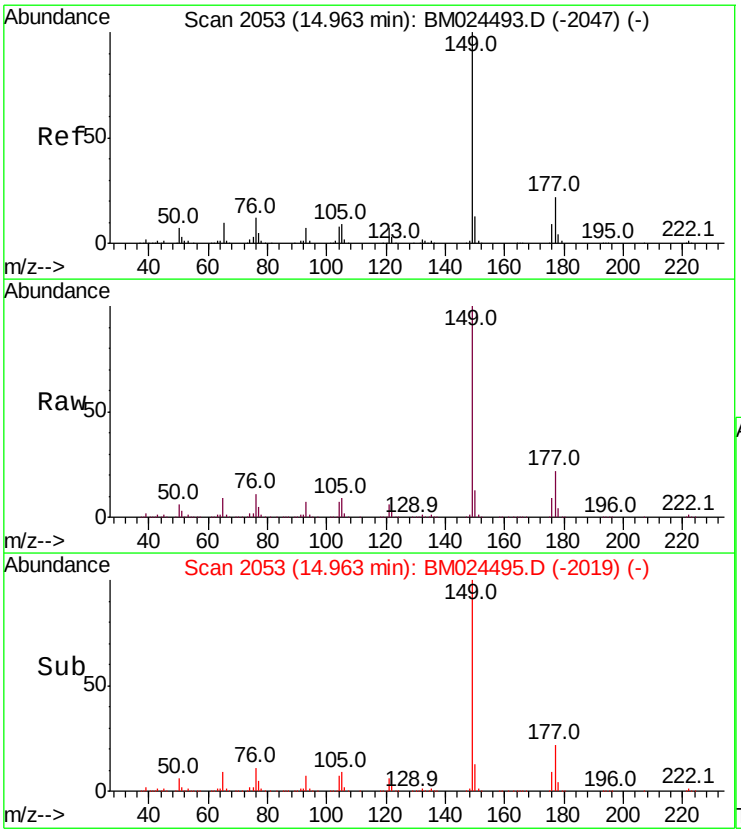
#42
2-Chloronaphthalene
Concen: 57.400 ng/ul
RT: 12.97 min Scan# 1714
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion:162 Resp: 2114552

Ion	Ratio	Lower	Upper
162	100		
164	32.8	27.0	40.4
127	37.2	29.7	44.5

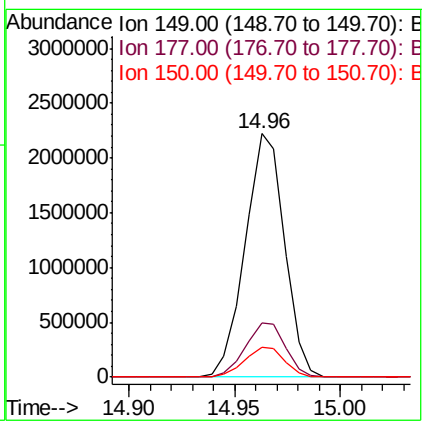


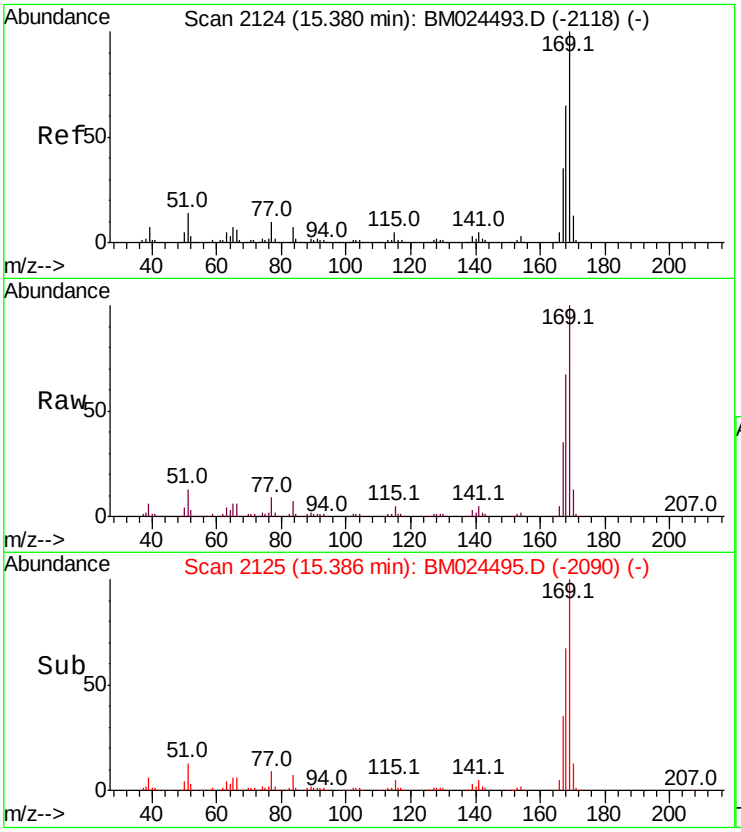


#57
Diethylphthalate
Concen: 55.789 ng/ul
RT: 14.96 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion:149 Resp: 2877831

Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	12.5	9.7	14.5



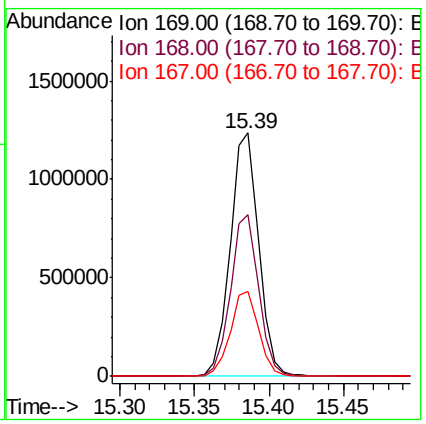


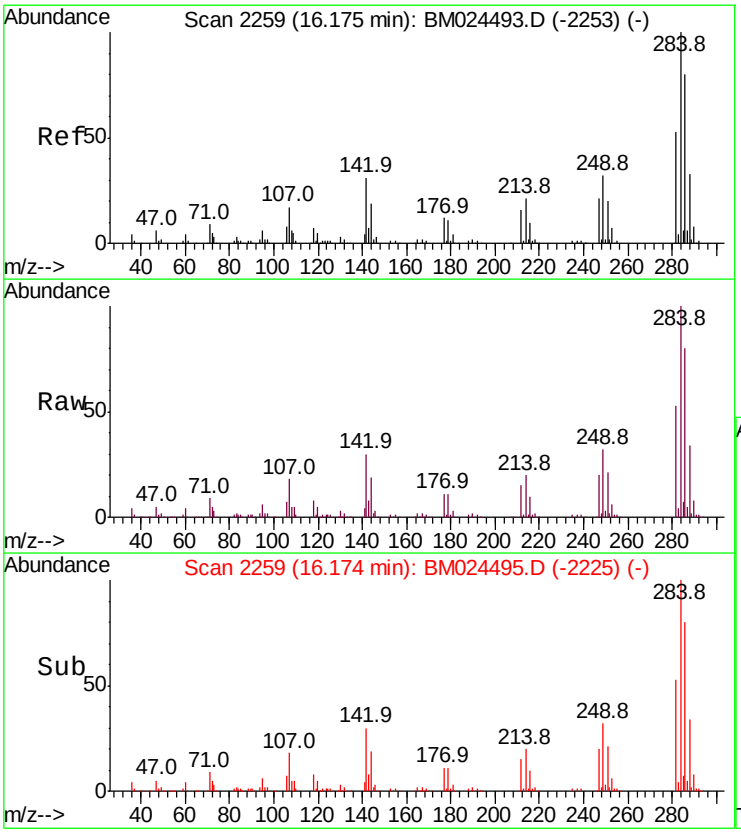
#65
N-Nitrosodiphenylamine
Concen: 39.794 ng/ul
RT: 15.39 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion:169 Resp: 1650132

Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.6	79.0
167	35.1	28.3	42.5

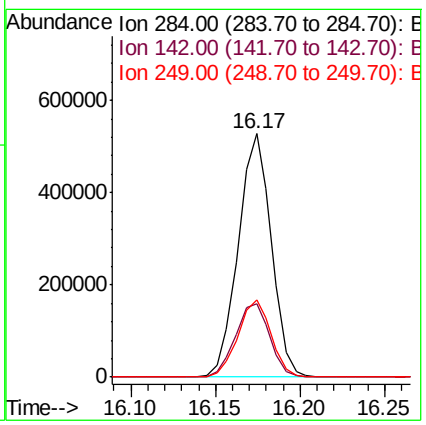


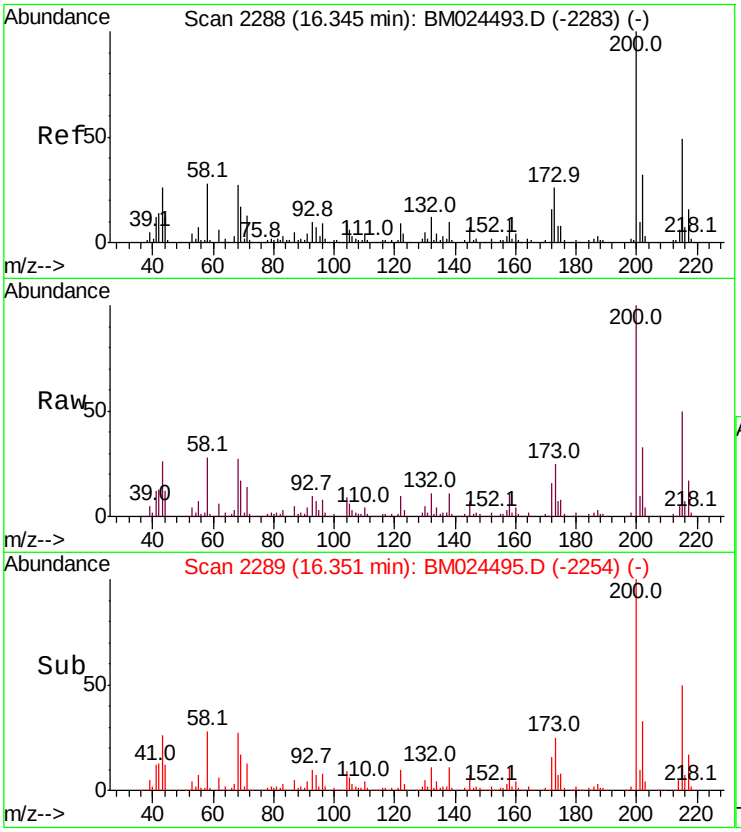


#67
Hexachlorobenzene
Concen: 35.332 ng/ul
RT: 16.17 min Scan# 2259
Delta R.T. -0.00 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion:284 Resp: 718168

Ion	Ratio	Lower	Upper
284	100		
142	30.3	26.5	39.7
249	31.6	26.2	39.4



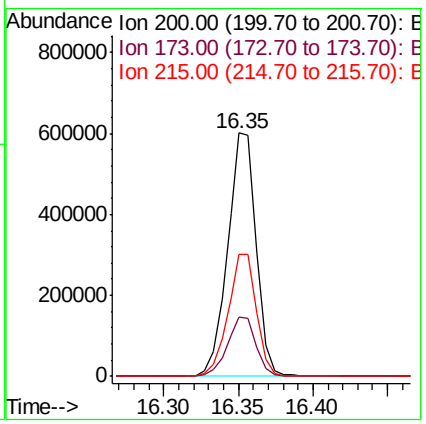


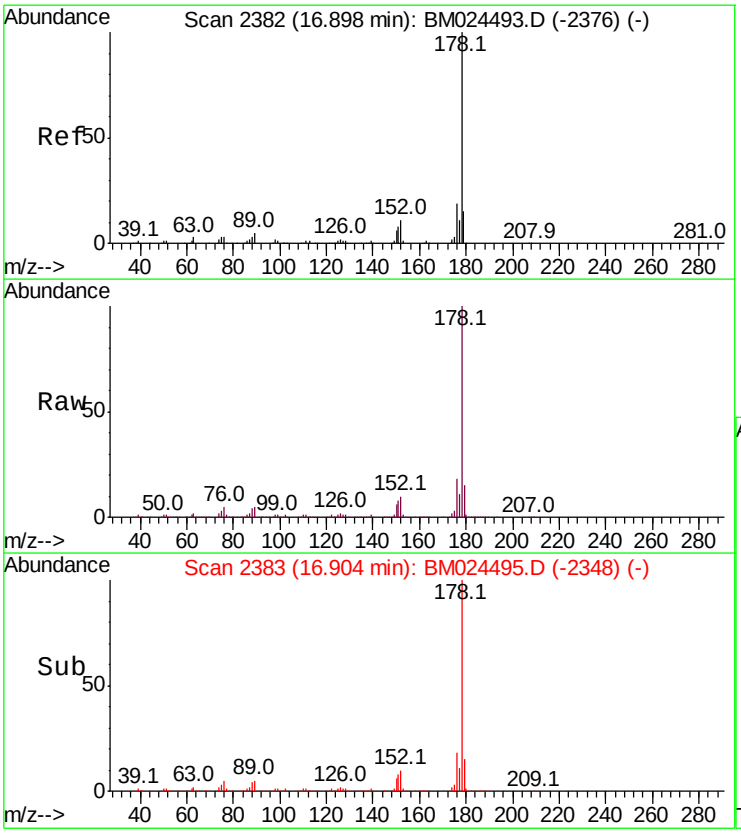
#68
Atrazine
Concen: 45.981 ng/ul
RT: 16.35 min Scan# 2289
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion:200 Resp: 802379

Ion	Ratio	Lower	Upper
200	100		
173	24.6	20.7	31.1
215	50.1	40.6	60.8

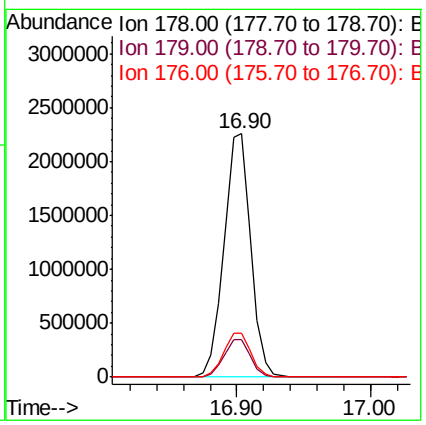


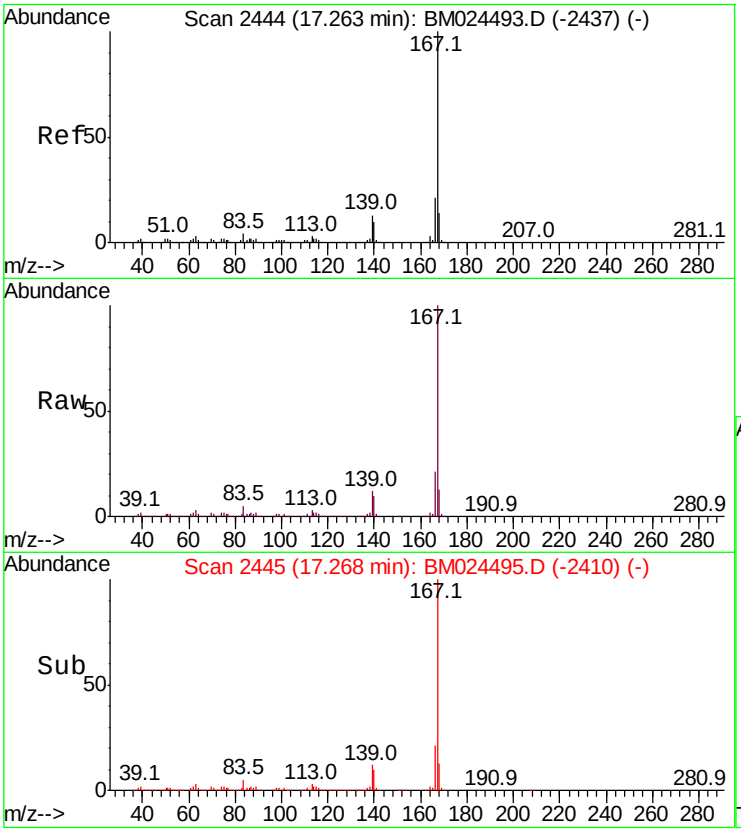


#70
Phenanthrene
Concen: 39.487 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion:178 Resp: 3179323

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	18.3	14.9	22.3



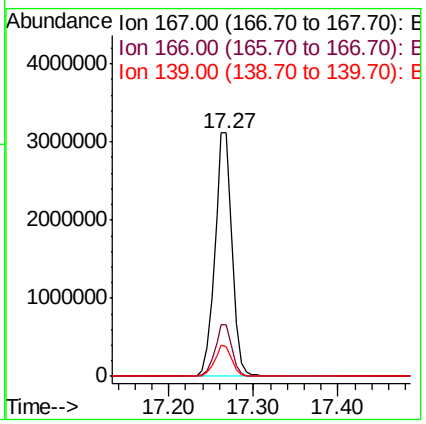


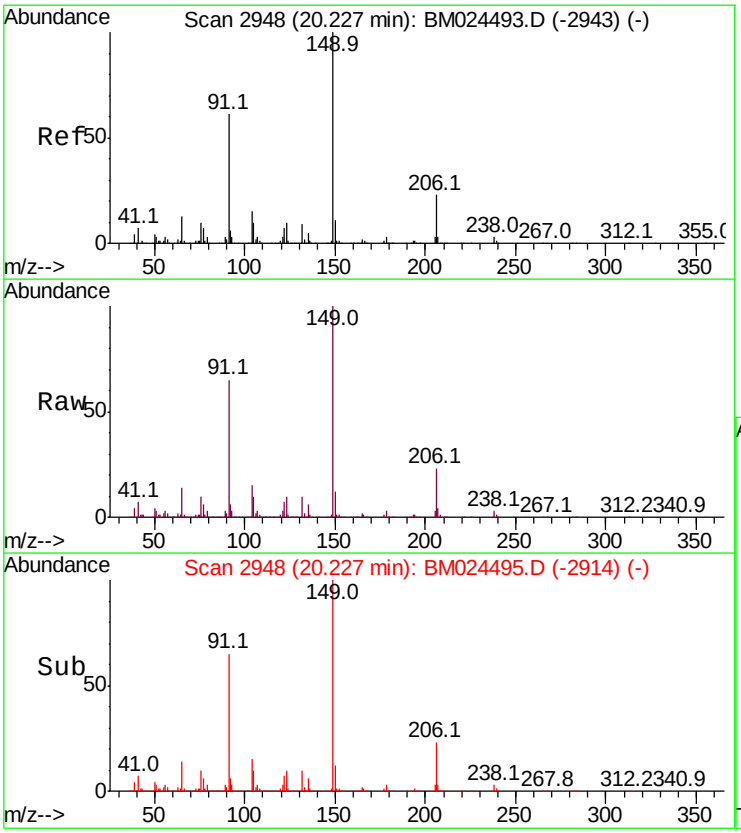
#75
Carbazole
Concen: 64.641 ng/ul
RT: 17.27 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion:167 Resp: 4465782

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.3	10.6	15.8

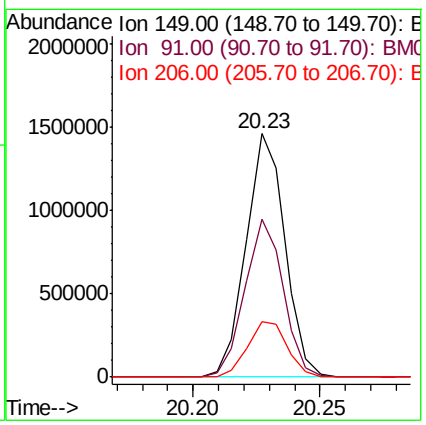


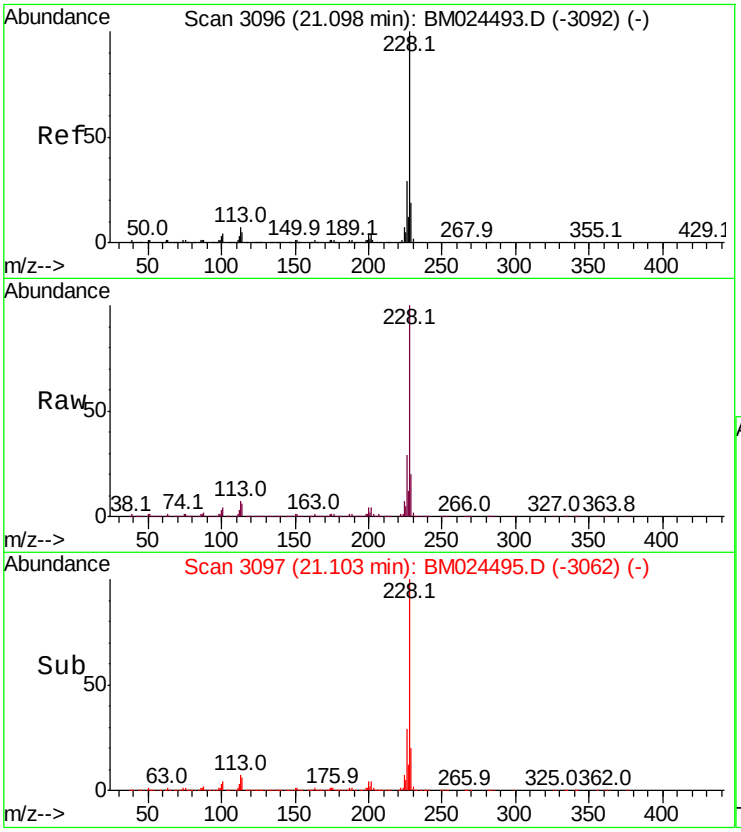


#81
Butylbenzylphthalate
Concen: 42.491 ng/ul
RT: 20.23 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion:149 Resp: 1564313

Ion	Ratio	Lower	Upper
149	100		
91	64.8	50.6	75.8
206	22.9	19.0	28.6



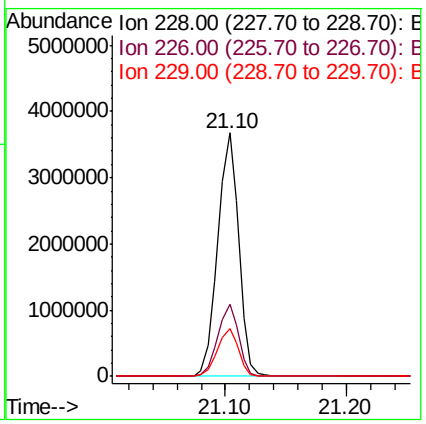


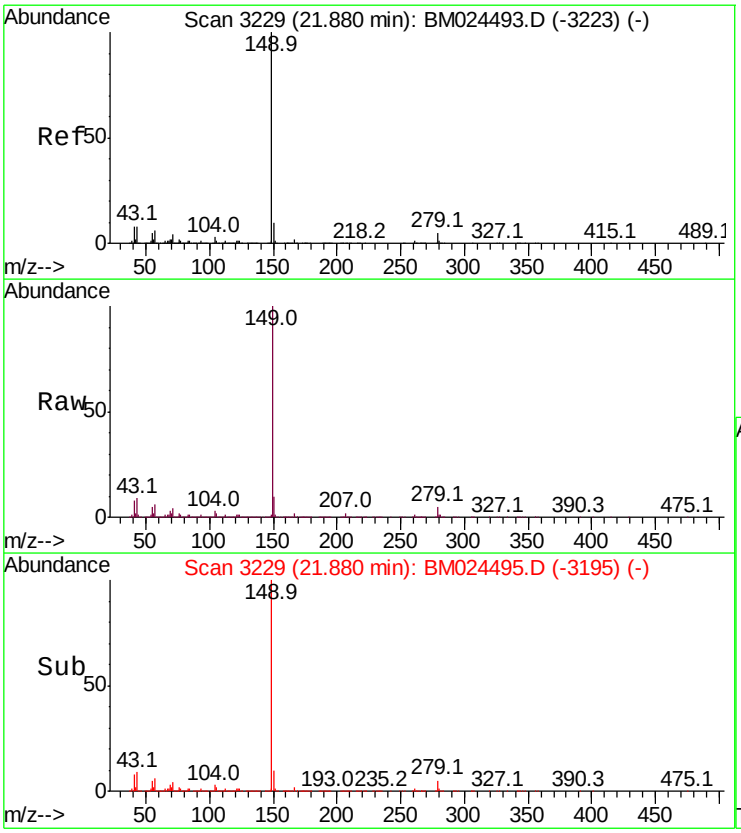
#85
Chrysene
Concen: 43.605 ng/ul
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion:228 Resp: 4382989

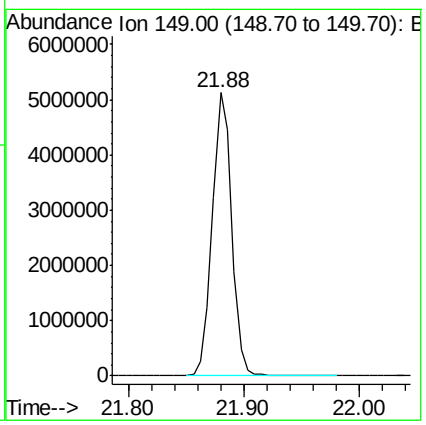
Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.6	16.1	24.1

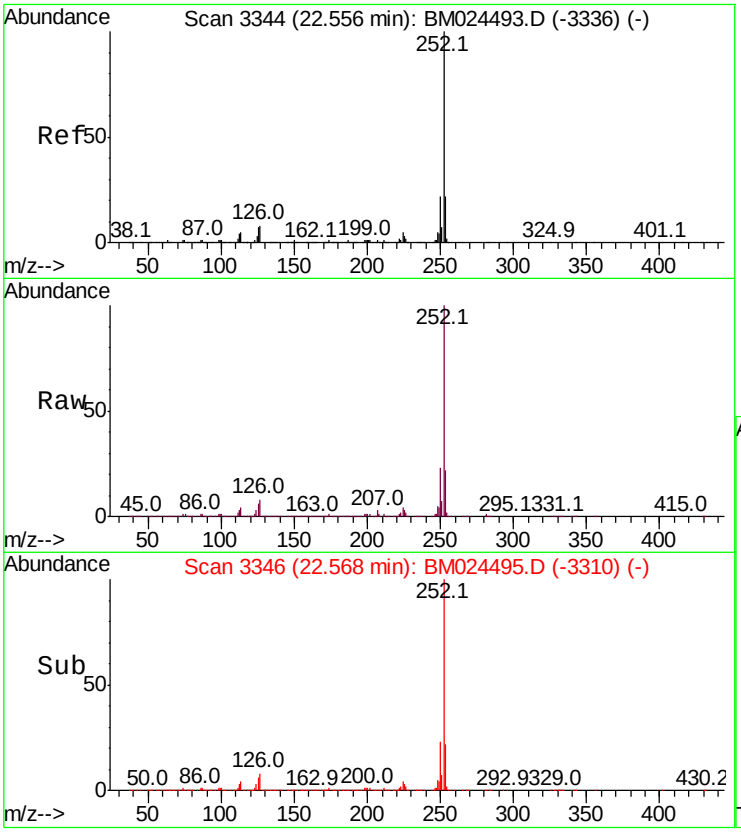




#87
Di-n-octyl phthalate
Concen: 53.357 ng/ul
RT: 21.88 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion:149 Resp: 5949959



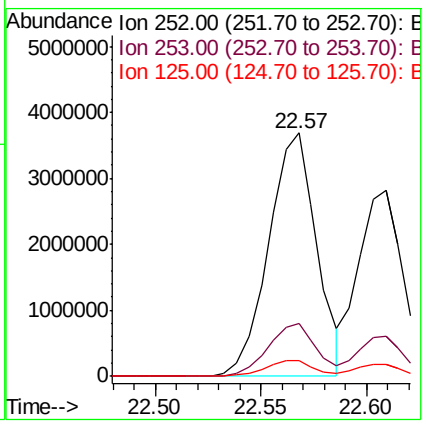


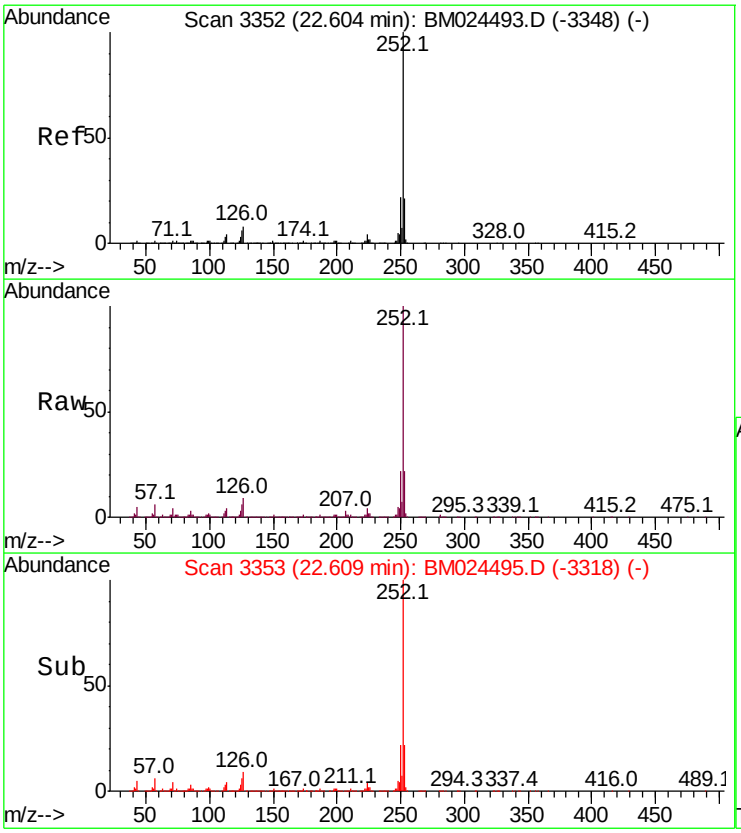
#88
Benzo(b)fluoranthene
Concen: 54.136 ng/ul
RT: 22.57 min Scan# 3346
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion:252 Resp: 5829260

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	6.3	5.3	7.9

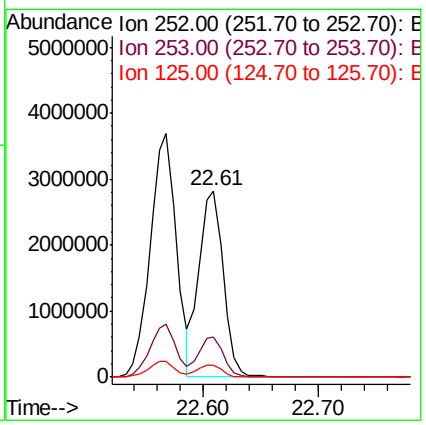


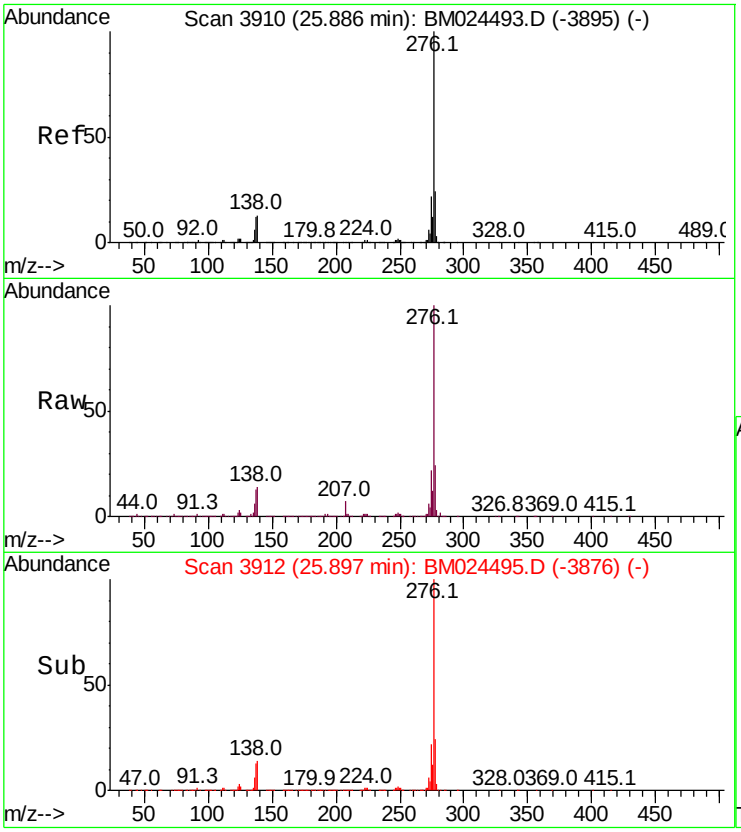


#89
Benzo(k)fluoranthene
Concen: 39.343 ng/ul
RT: 22.61 min Scan# 3353
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Tgt Ion:252 Resp: 4163442

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	6.4	5.2	7.8





#94
Benzo(g,h,i)perylene
Concen: 56.495 ng/ul
RT: 25.90 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BM024495.D
Acq: 17 Jan 2020 13:50

Instrument :
BNA_M
ClientSampleId :
X2L45

Tgt Ion:276 Resp: 4396135

Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.2	18.2
277	23.8	18.8	28.2