Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136071.D
Acq On : 01 Nov 2023 12:21
Operator : CG\JU
Sample : PB156730BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Quant Time: Nov 01 22:38:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	154435	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	617161	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	327031	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	615762	20.000	ng	0.00
76) Chrysene-d12	14.010	240	406644	20.000	ng	0.00
86) Perylene-d12	15.504	264	328902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1249188	127.108	ng	0.01
7) Phenol-d6	6.463	99	1533761	125.257	ng	0.00
23) Nitrobenzene-d5	7.392	82	956391	93.418	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	487923	139.780	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1780283	86.779	ng	0.00
79) Terphenyl-d14	12.963	244	2128237	81.333	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	125745	17.973	ng	# 80
25) Isophorone	7.392	82	954307	49.375	ng	# 64
50) Dimethylphthalate	9.863	163	65077	3.017	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	41999	9.103	ng	# 28
57) 2,4-Dinitrotoluene	9.863	165	41999	7.195	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.657	198	860	6.014	ng	# 1
67) 4-Bromophenyl-phenylether	10.657	248	29540	4.576	ng	# 1
92) Benzo(g,h,i)perylene	17.468	276	53	2.897	ng	# 1

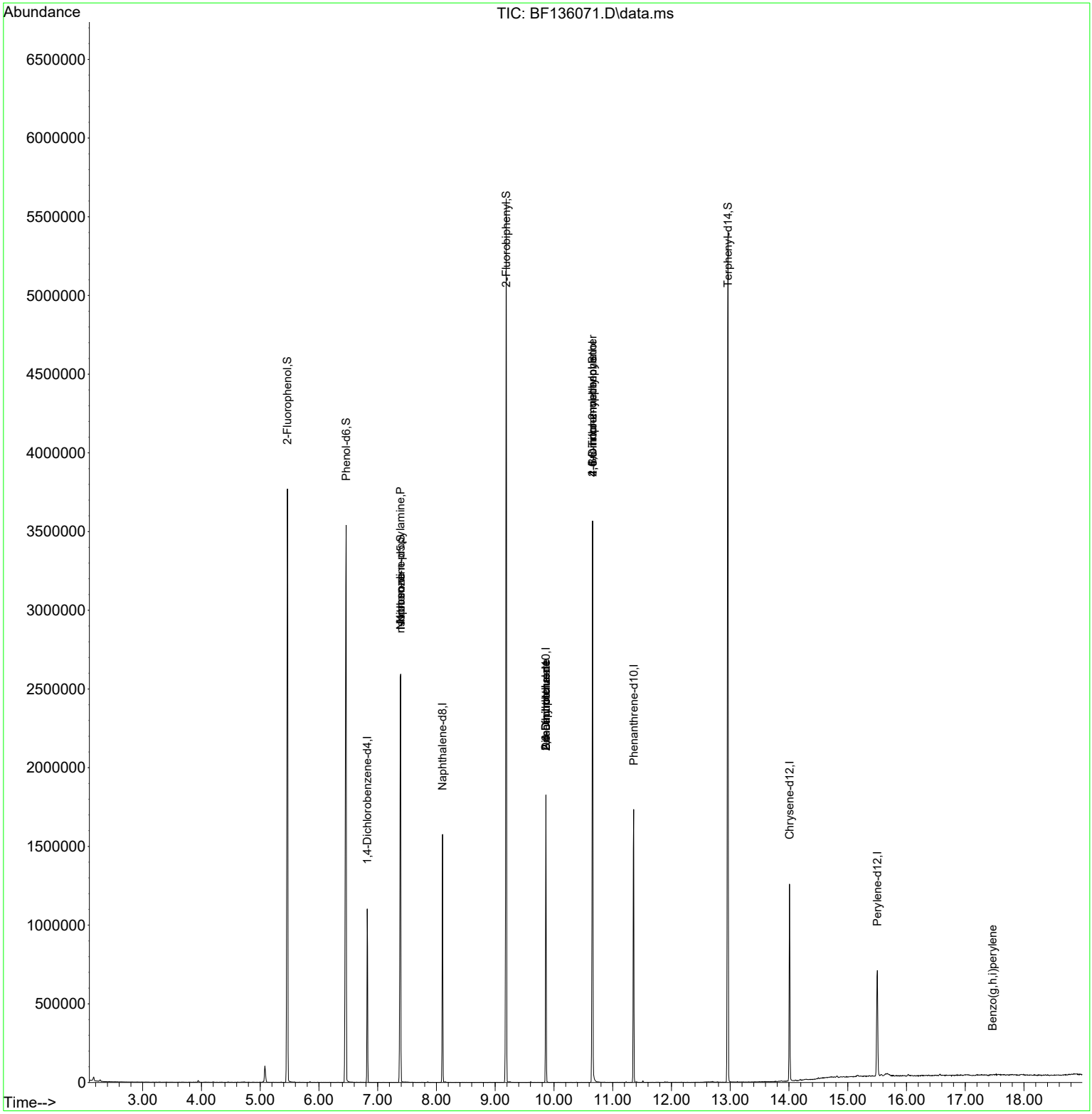
(#) = qualifier out of range (m) = manual integration (+) = signals summed

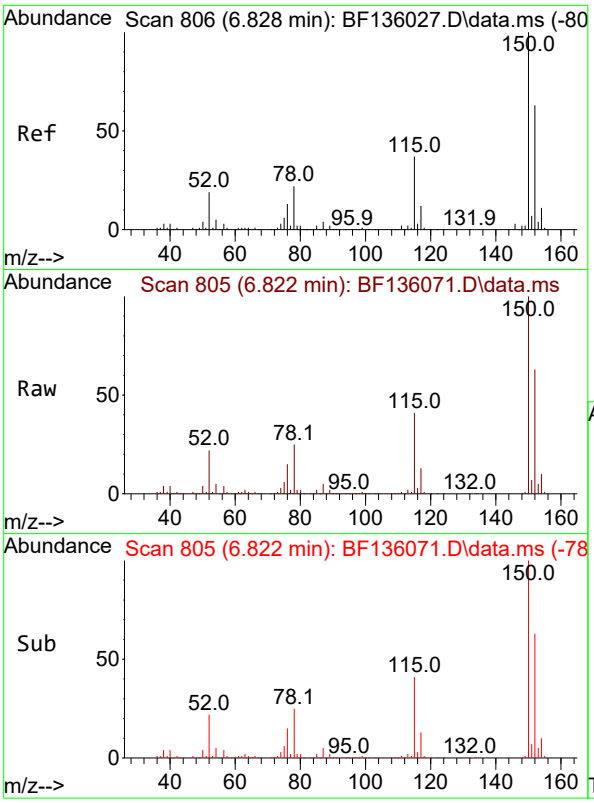
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
Data File : BF136071.D
Acq On : 01 Nov 2023 12:21
Operator : CG\JU
Sample : PB156730BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Quant Time: Nov 01 22:38:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 31 01:13:02 2023
Response via : Initial Calibration



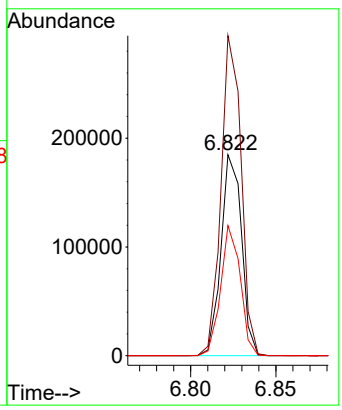


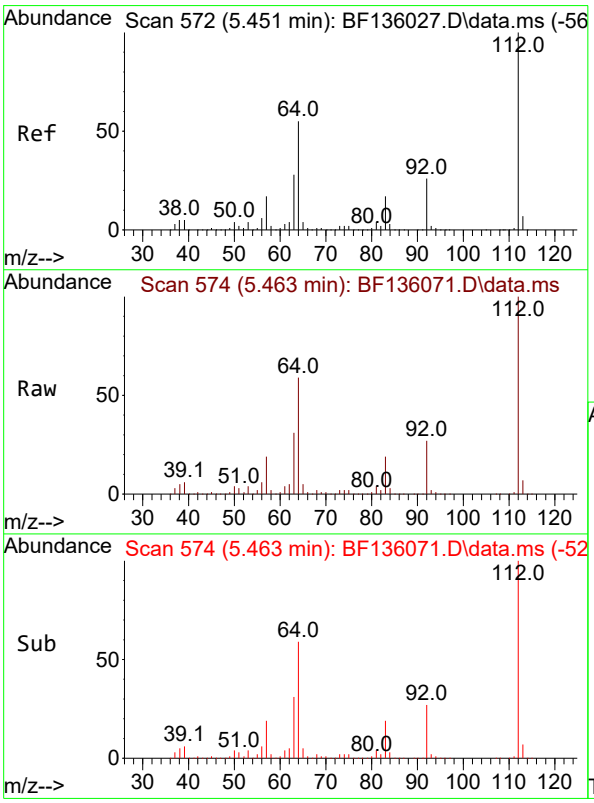
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion:152 Resp: 154435

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.4	189.6
115	64.8	47.0	70.4

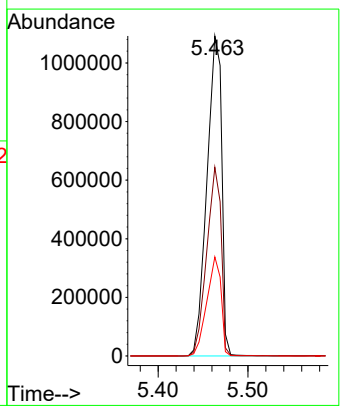


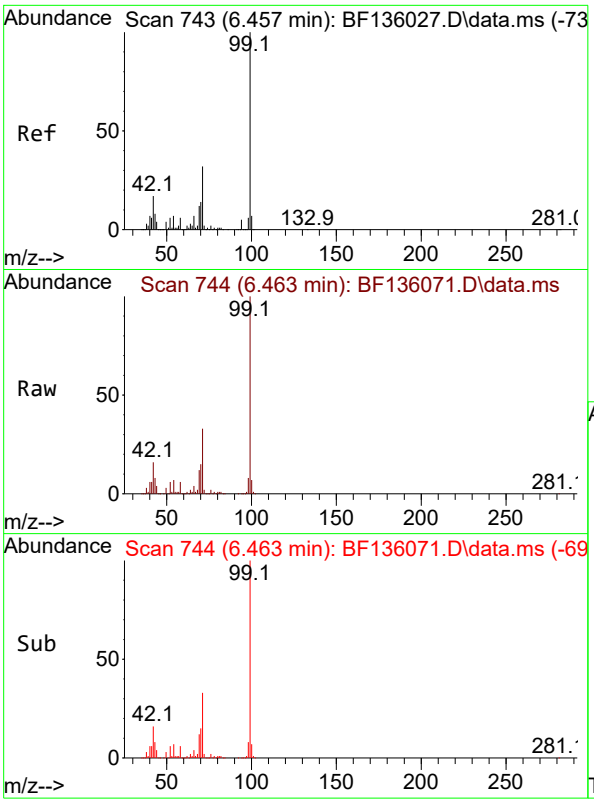


#5
2-Fluorophenol
Concen: 127.108 ng
RT: 5.463 min Scan# 574
Delta R.T. 0.012 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:112 Resp: 1249188

Ion	Ratio	Lower	Upper
112	100		
64	58.9	43.9	65.9
63	31.0	22.4	33.6



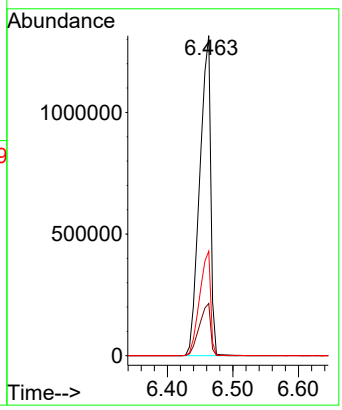


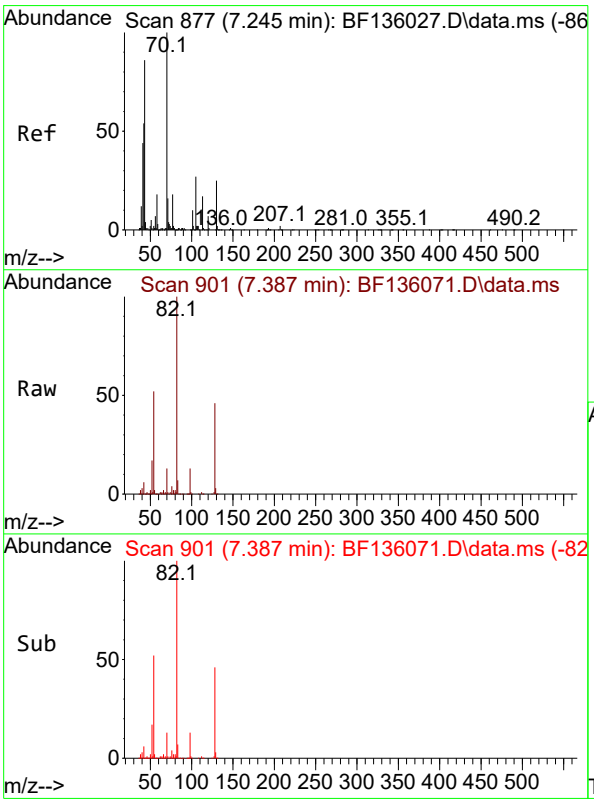
#7
Phenol-d6
Concen: 125.257 ng
RT: 6.463 min Scan# 7
Delta R.T. 0.006 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion: 99 Resp: 1533761

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.7	20.5
71	32.7	25.9	38.9

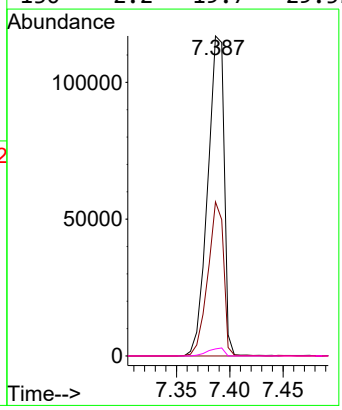


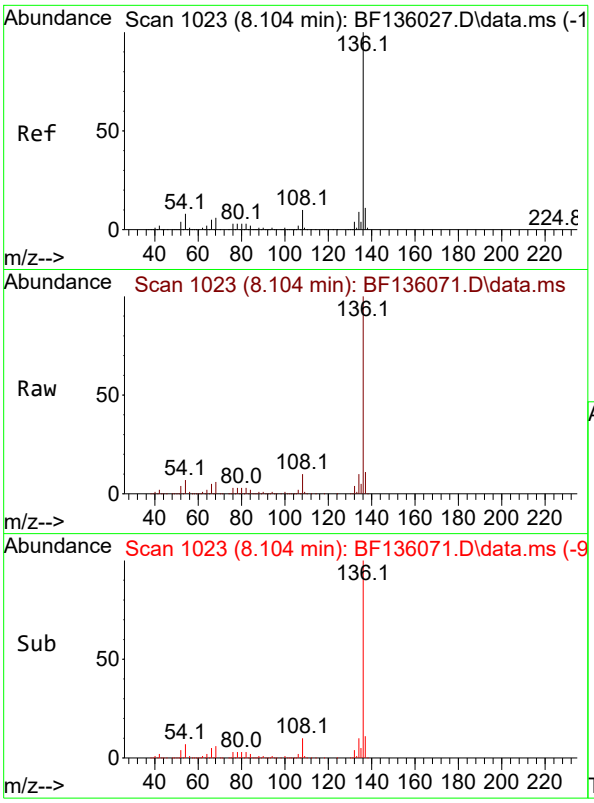


#19
n-Nitroso-di-n-propylamine
Concen: 17.973 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.141 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion: 70 Resp: 125745

Ion	Ratio	Lower	Upper
70	100		
42	48.1	43.0	64.4
101	0.0	8.0	12.0#
130	2.2	19.7	29.5#



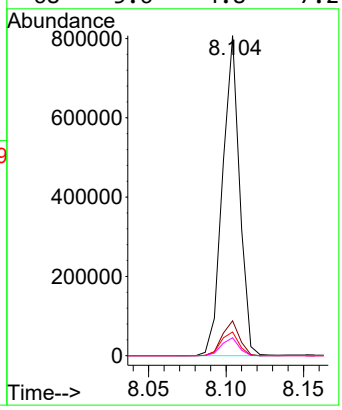


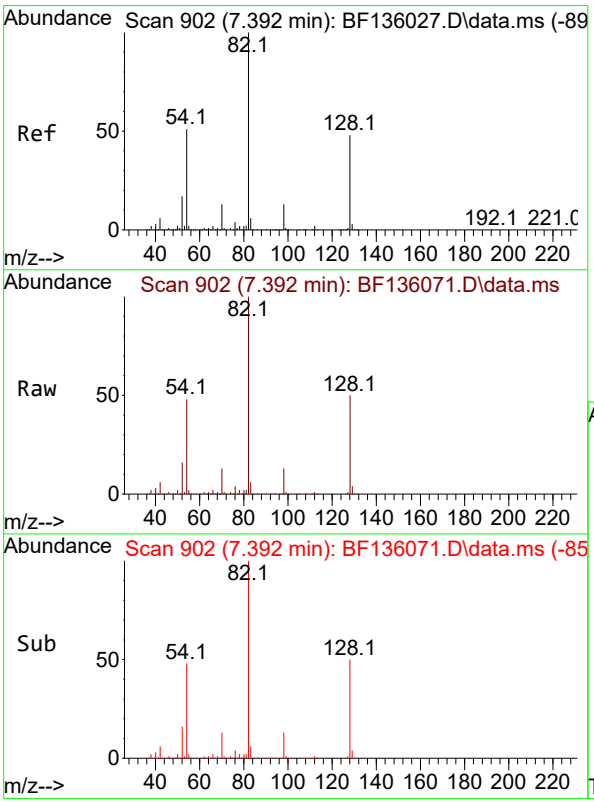
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion:136 Resp: 617161

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.4	6.6	9.8
68	5.6	4.8	7.2

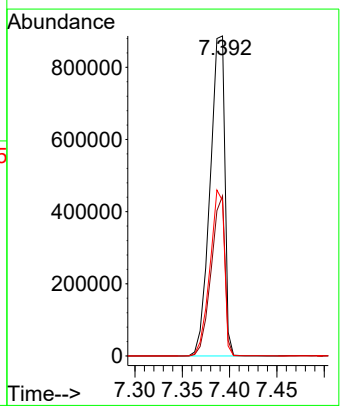


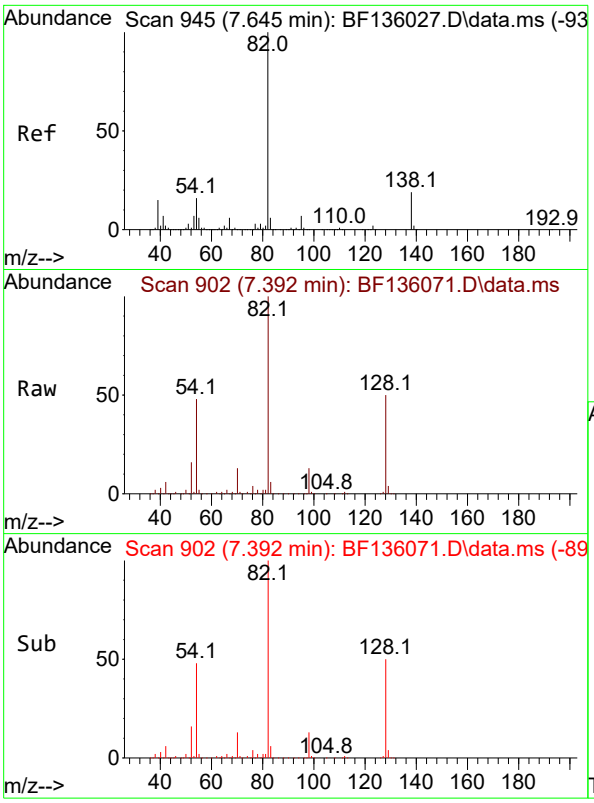


#23
Nitrobenzene-d5
Concen: 93.418 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.000 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion: 82 Resp: 956391

Ion	Ratio	Lower	Upper
82	100		
128	50.0	38.6	57.8
54	48.5	40.8	61.2



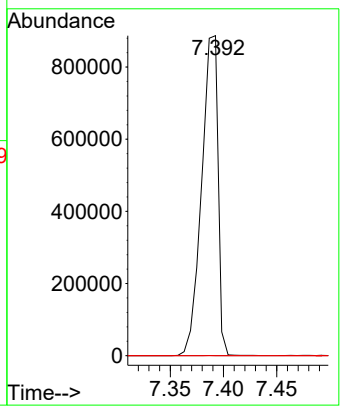


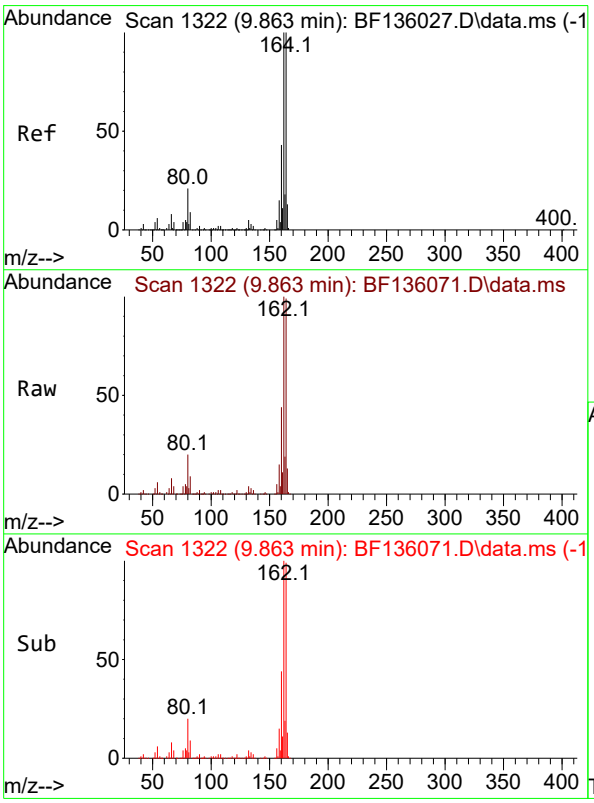
#25
Isophorone
Concen: 49.375 ng
RT: 7.392 min Scan# 9
Delta R.T. -0.253 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion: 82 Resp: 954307

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	15.3	22.9#

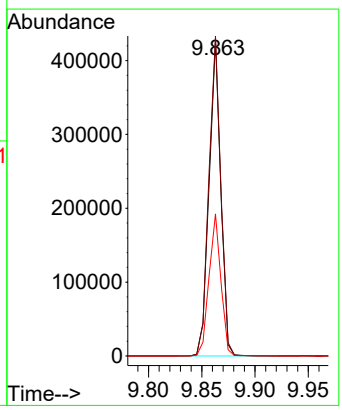


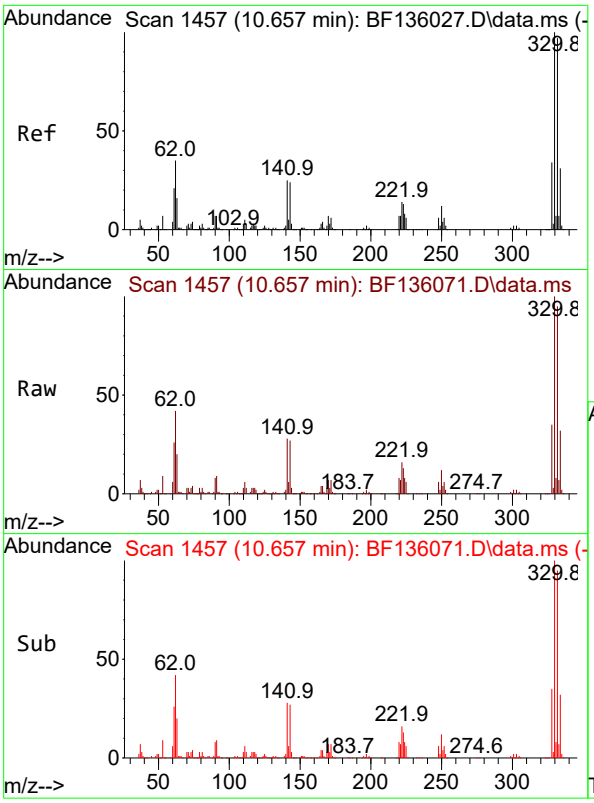


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:164 Resp: 327031

Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.1	120.1
160	44.9	34.8	52.2



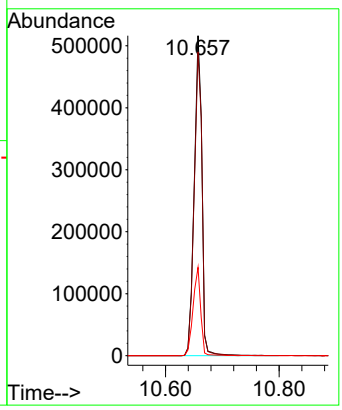


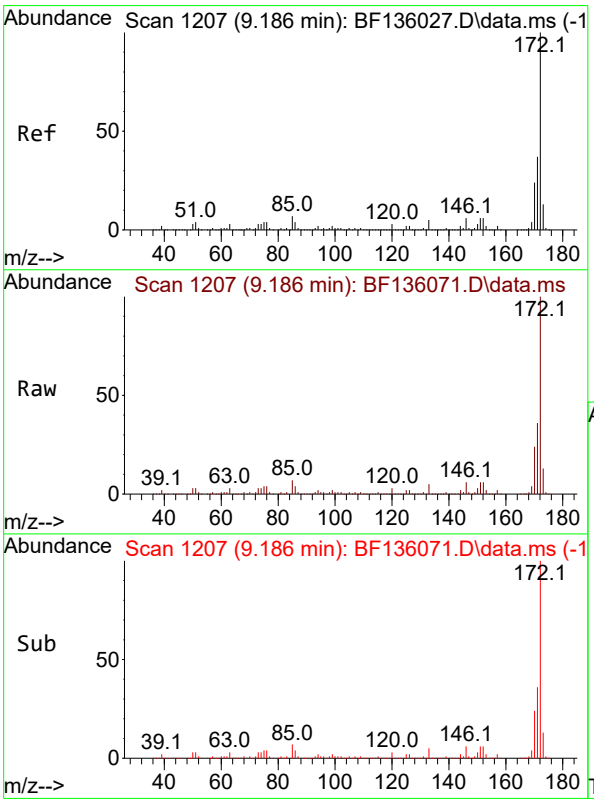
#42
2,4,6-Tribromophenol
Concen: 139.780 ng
RT: 10.657 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion:330 Resp: 487923

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	27.4	23.2	34.8

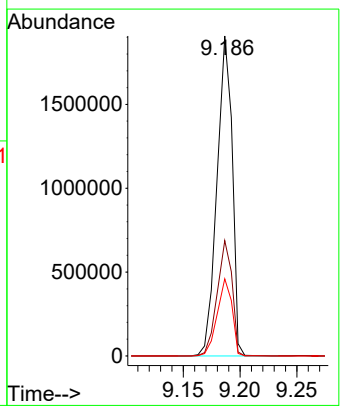


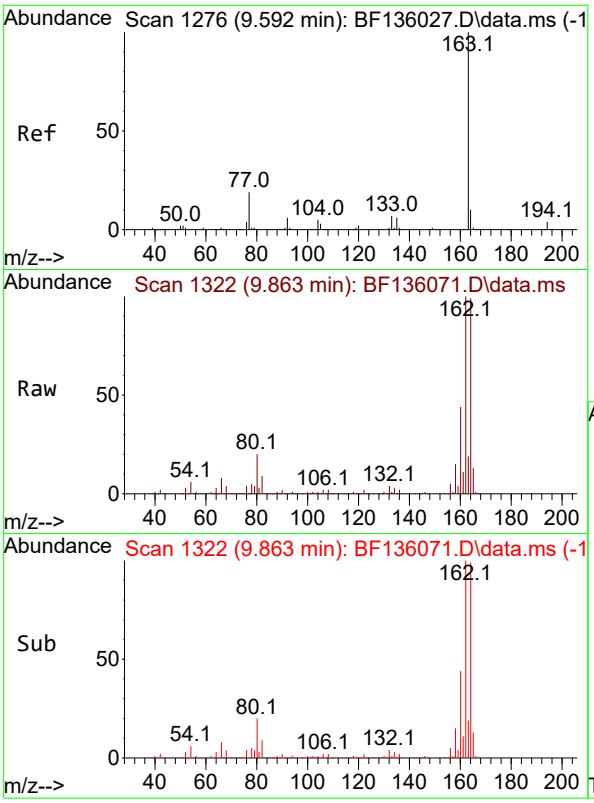


#45
2-Fluorobiphenyl
Concen: 86.779 ng
RT: 9.186 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:172 Resp: 1780283

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.1	19.3	28.9



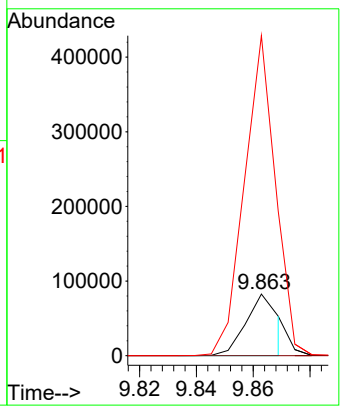


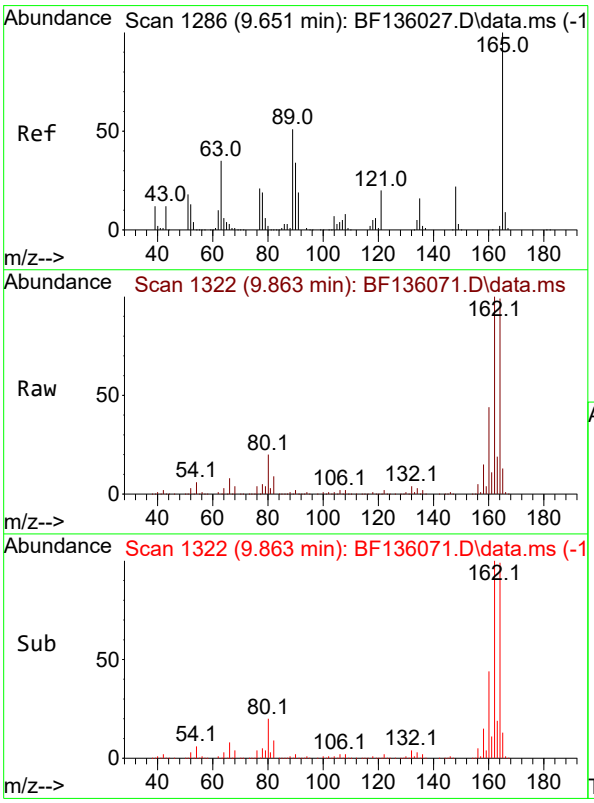
#50
Dimethylphthalate
Concen: 3.017 ng
RT: 9.863 min Scan# 1
Delta R.T. 0.271 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion:163 Resp: 65077

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	518.7	8.1	12.1#

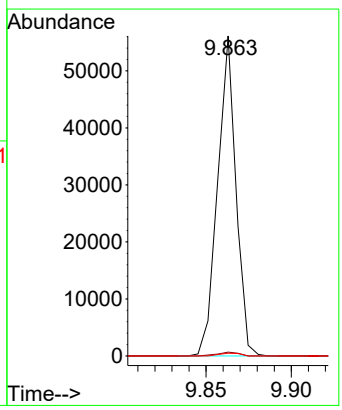


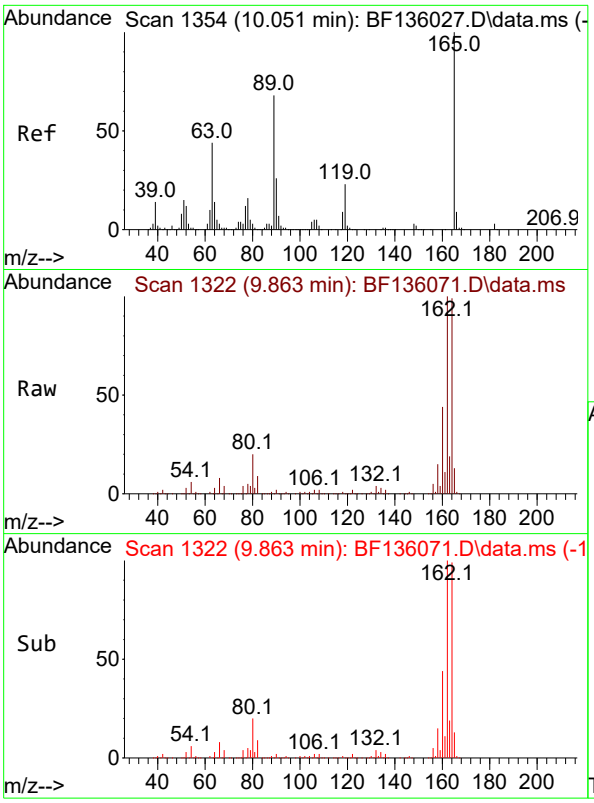


#51
2,6-Dinitrotoluene
Concen: 9.103 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.212 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:165 Resp: 41999

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.8	61.2#
89	0.9	41.1	61.7#



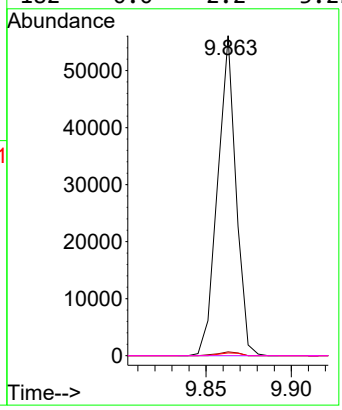


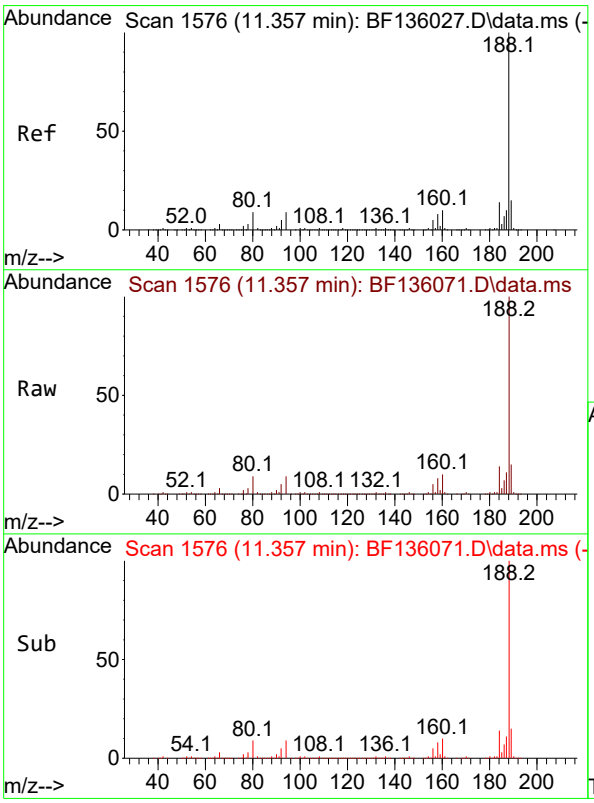
#57
2,4-Dinitrotoluene
Concen: 7.195 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.188 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion:165 Resp: 41999

Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.2	52.8#
89	0.9	54.8	82.2#
182	0.0	2.2	3.2#

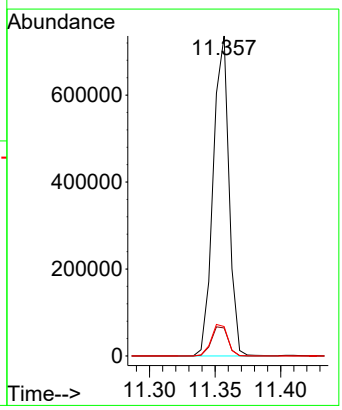


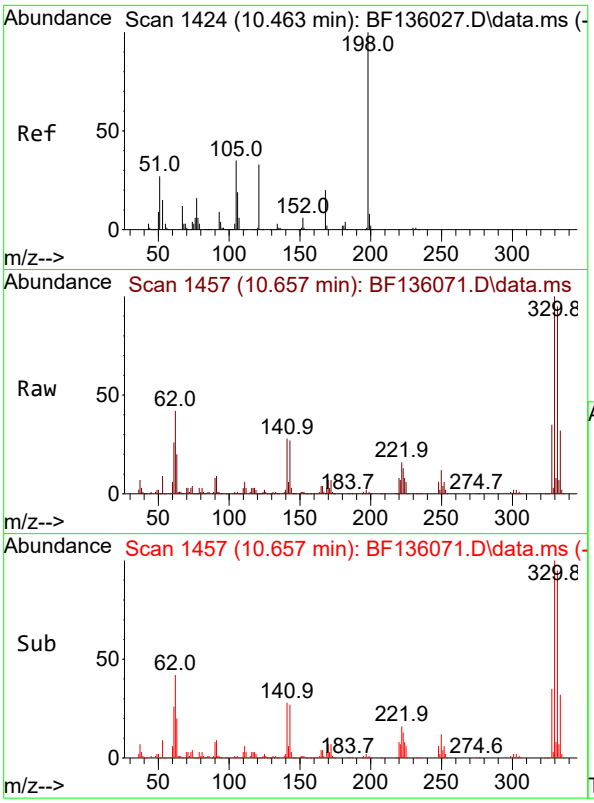


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:188 Resp: 615762

Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.2	7.4	11.0



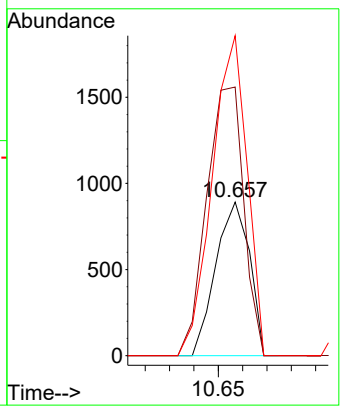


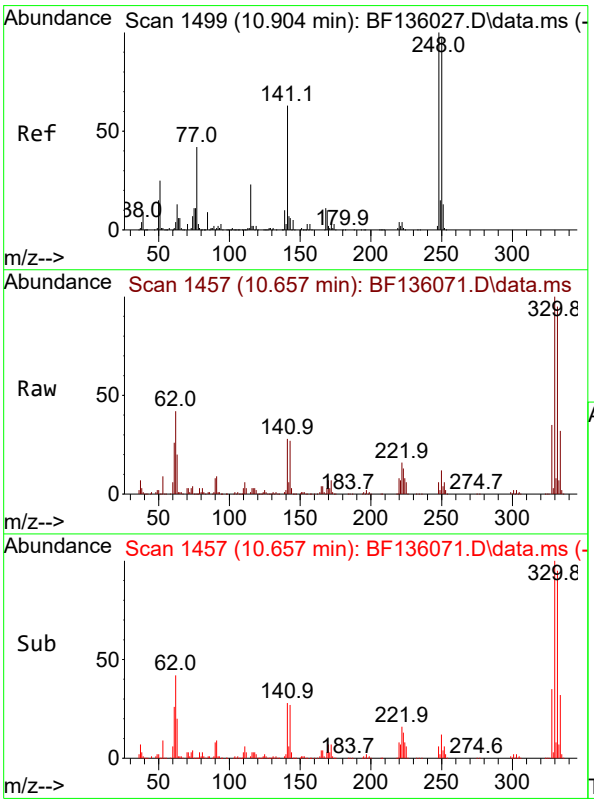
#65
4,6-Dinitro-2-methylphenol
Concen: 6.014 ng
RT: 10.657 min Scan# 14
Delta R.T. 0.194 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion:198 Resp: 860

Ion	Ratio	Lower	Upper
198	100		
51	174.9	12.9	52.9#
105	208.3	16.0	56.0#

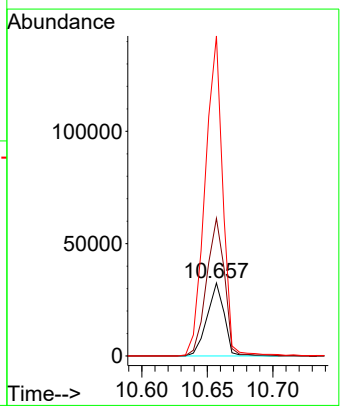


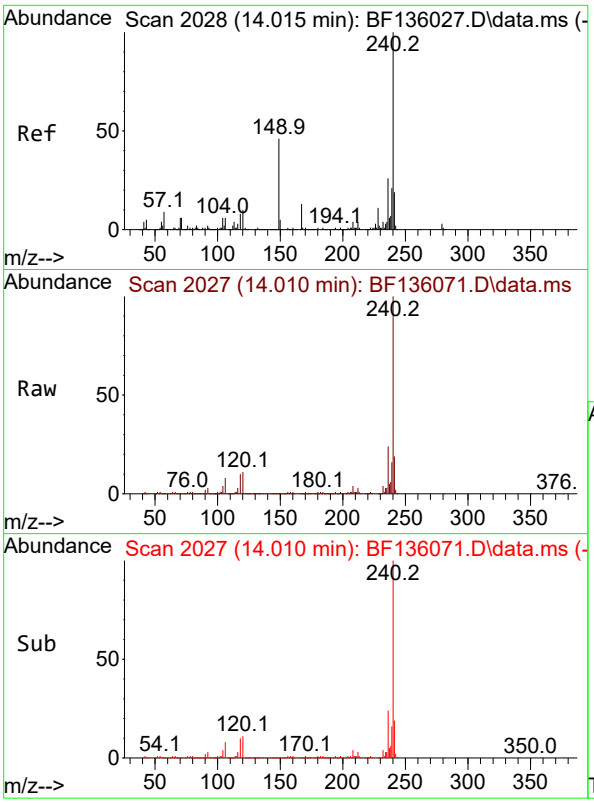


#67
4-Bromophenyl-phenylether
Concen: 4.576 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:248 Resp: 29540

Ion	Ratio	Lower	Upper
248	100		
250	188.5	77.6	116.4#
141	438.4	50.4	75.6#



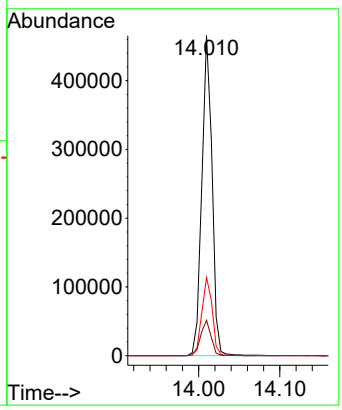


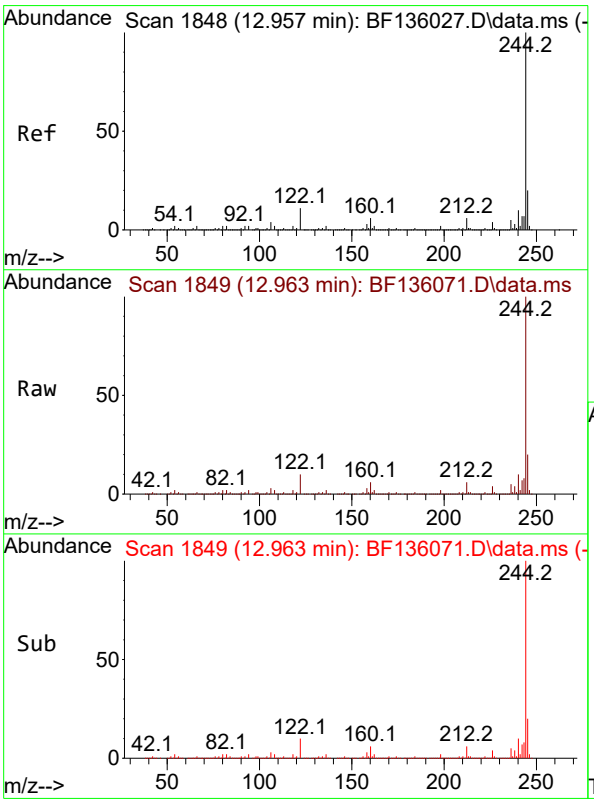
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

Tgt Ion:240 Resp: 406644

Ion	Ratio	Lower	Upper
240	100		
120	11.1	7.6	11.4
236	24.5	20.6	31.0

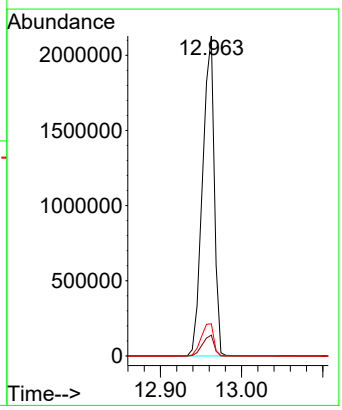


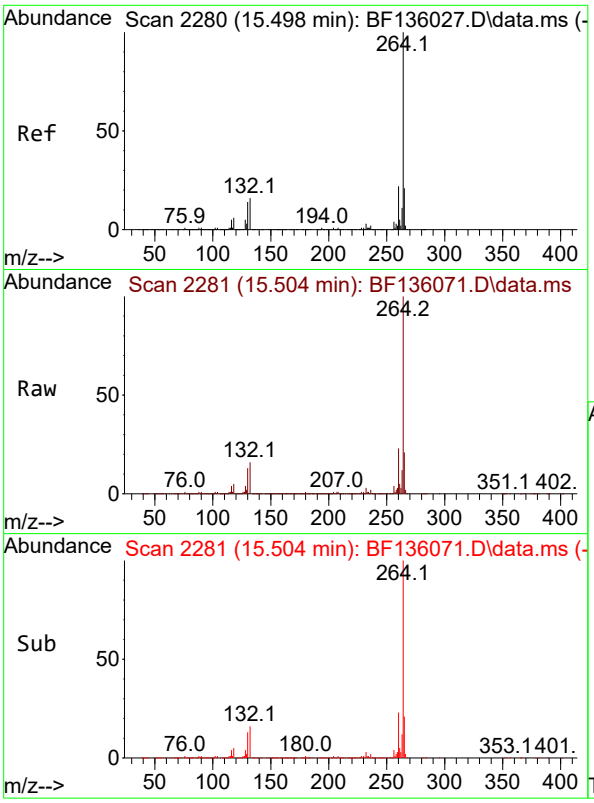


#79
Terphenyl-d14
Concen: 81.333 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.006 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:244 Resp: 2128237

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.1	7.7
122	10.0	8.6	12.8



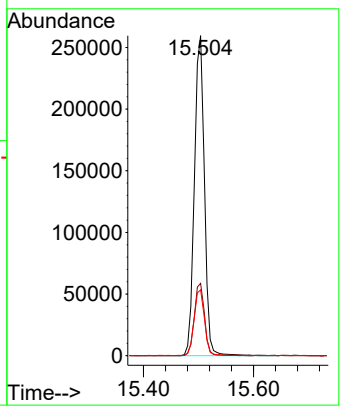


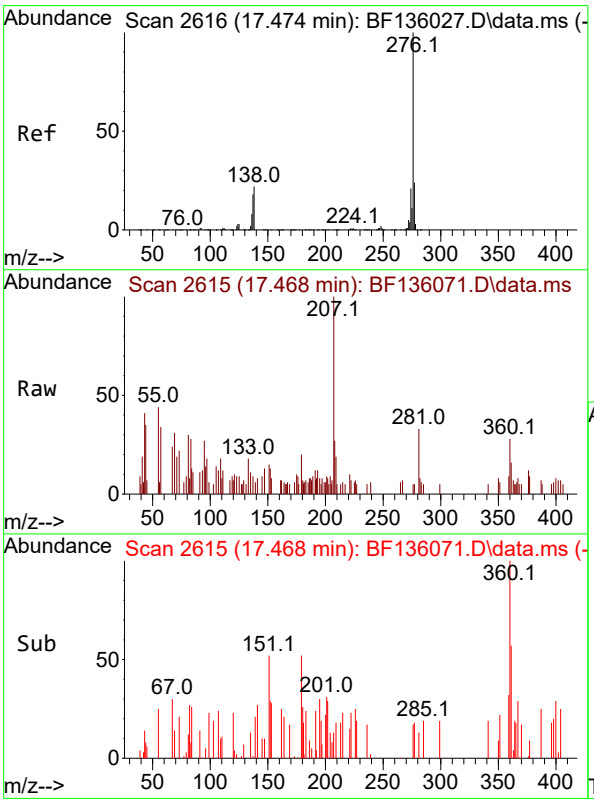
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2
Delta R.T. 0.006 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Instrument :
BNA_F
ClientSampleId :
PB156730BL

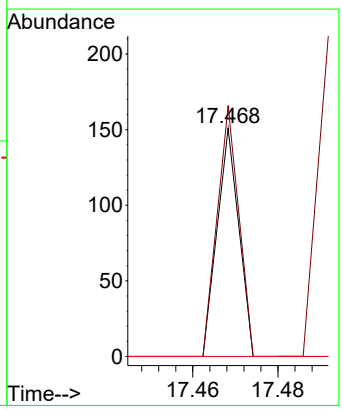
Tgt Ion:264 Resp: 328902

Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.9	26.9
265	20.5	16.8	25.2





#92
Benzo(g,h,i)perylene
Concen: 2.897 ng
RT: 17.468 min Scan# 2615
Delta R.T. -0.006 min
Lab File: BF136071.D
Acq: 01 Nov 2023 12:21

Tgt Ion:276 Resp: 53

Ion	Ratio	Lower	Upper
276	100		
277	109.9	19.0	28.4#
138	0.0	17.4	26.2#