Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110922\
Data File : BF131109.D
Acq On : 10 Nov 2022 02:34
Operator : CG\JU
Sample : N5335-05DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Quant Time: Nov 10 04:36:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 04:15:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	95796	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	366330	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	200823	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	370769	20.000	ng	0.00
76) Chrysene-d12	14.068	240	257656	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	223643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	77491	13.757	ng	0.00
7) Phenol-d6	6.510	99	61949	8.412	ng	-0.01
23) Nitrobenzene-d5	7.451	82	131872	16.242	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	54874	26.440	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	255790	17.781	ng	-0.01
79) Terphenyl-d14	13.010	244	280788	19.107	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	17529	3.625	ng	# 76
25) Isophorone	7.451	82	131869	10.504	ng	# 68
35) Caprolactam	8.592	113	52664	30.025	ng	# 86
51) 2,6-Dinitrotoluene	9.933	165	25840	8.231	ng	# 14
57) 2,4-Dinitrotoluene	9.933	165	25840	6.192	ng	# 16
87) Indeno(1,2,3-cd)pyrene	17.080	276	277	3.879	ng	# 52
91) Dibenzo(a,h)anthracene	17.098	278	73	3.844	ng	# 57
92) Benzo(g,h,i)perylene	17.533	276	295	4.383	ng	# 55

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

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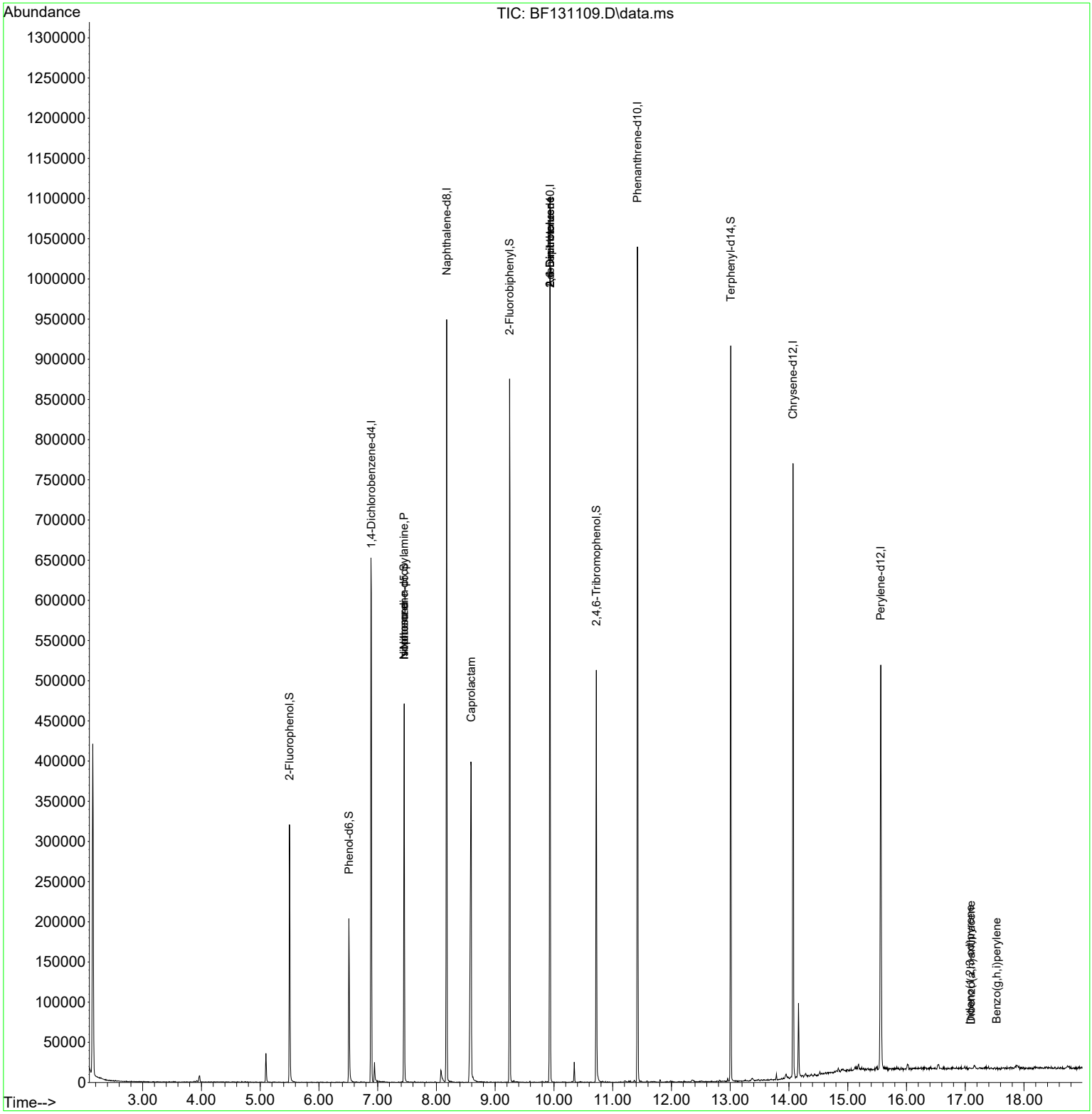
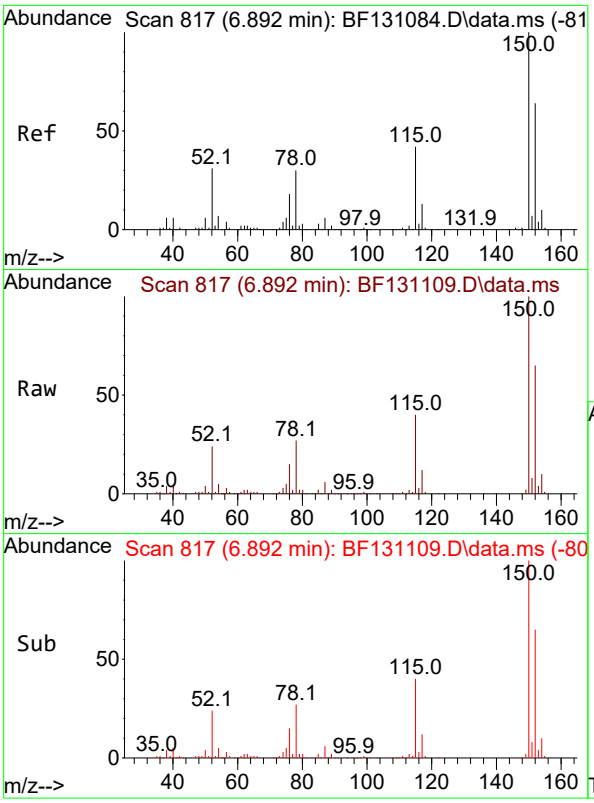


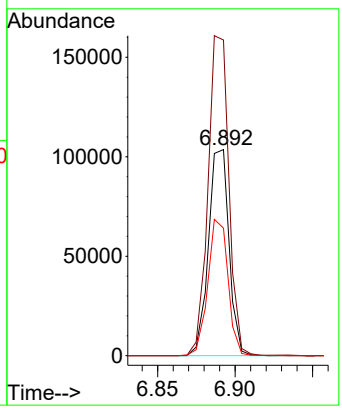


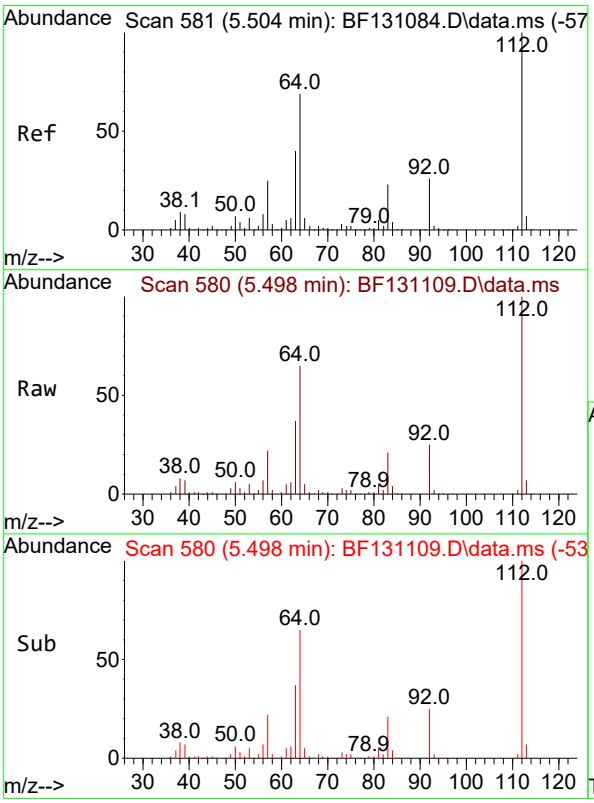
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 8
Delta R.T. 0.000 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion:152 Resp: 95796

Ion	Ratio	Lower	Upper
152	100		
150	153.2	125.5	188.3
115	61.8	52.2	78.2

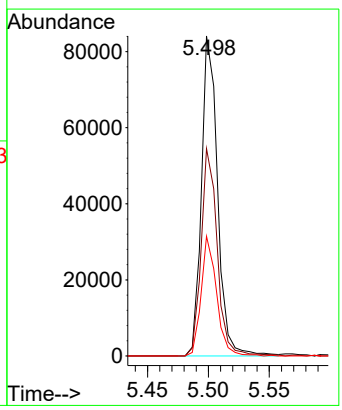


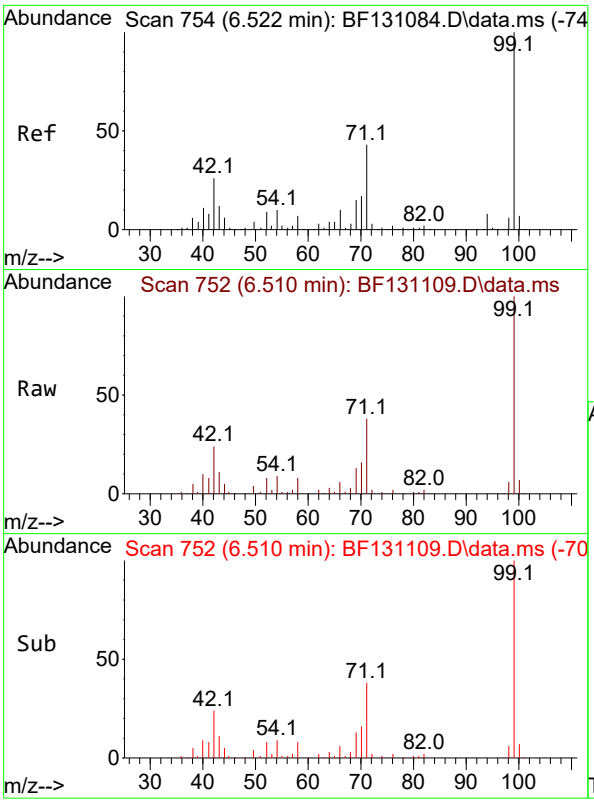


#5
2-Fluorophenol
Concen: 13.757 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.006 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:112 Resp: 77491

Ion	Ratio	Lower	Upper
112	100		
64	64.8	55.1	82.7
63	37.4	32.4	48.6



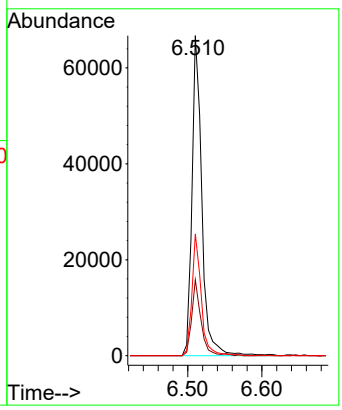


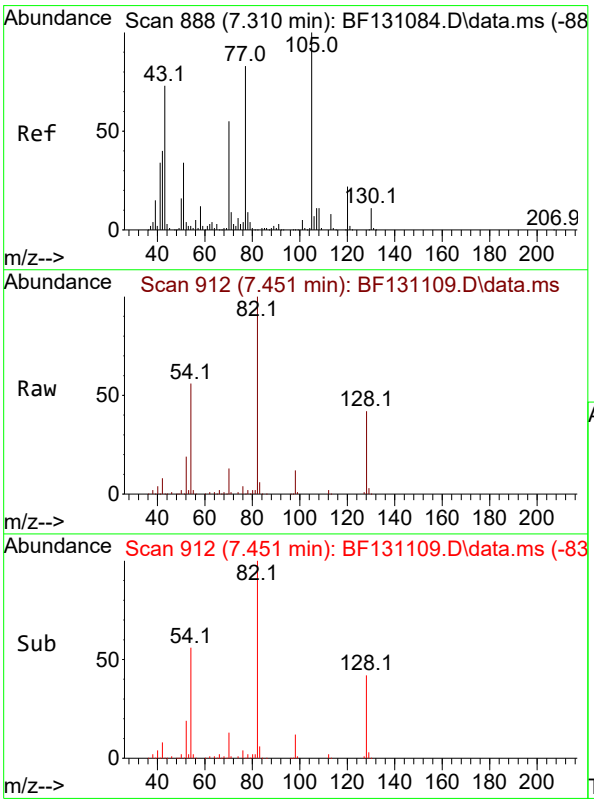
#7
Phenol-d6
Concen: 8.412 ng
RT: 6.510 min Scan# 7
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion: 99 Resp: 61949

Ion	Ratio	Lower	Upper
99	100		
42	23.7	20.8	31.2
71	38.0	34.2	51.4

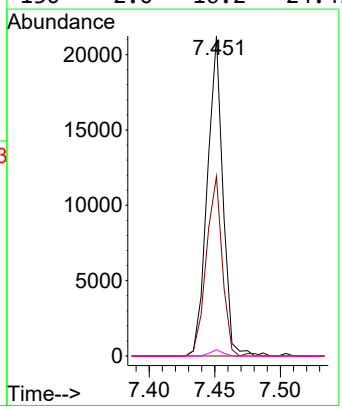


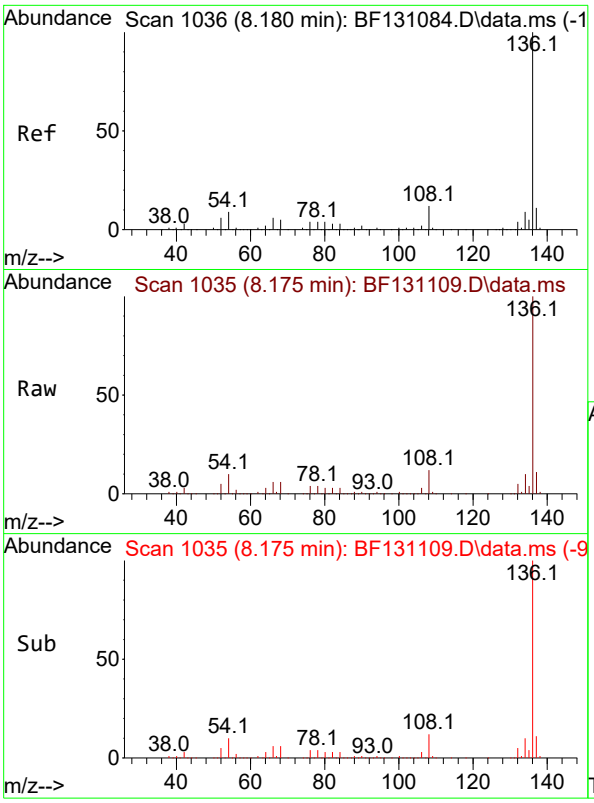


#19
n-Nitroso-di-n-propylamine
Concen: 3.625 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion: 70 Resp: 17529

Ion	Ratio	Lower	Upper
70	100		
42	56.1	58.3	87.5#
101	0.0	7.4	11.2#
130	2.0	16.2	24.4#



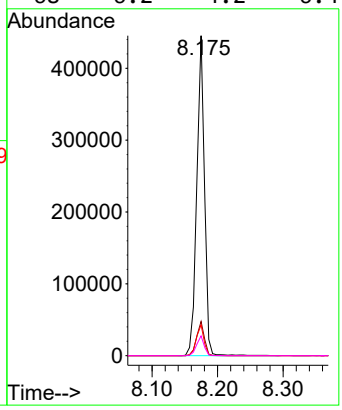


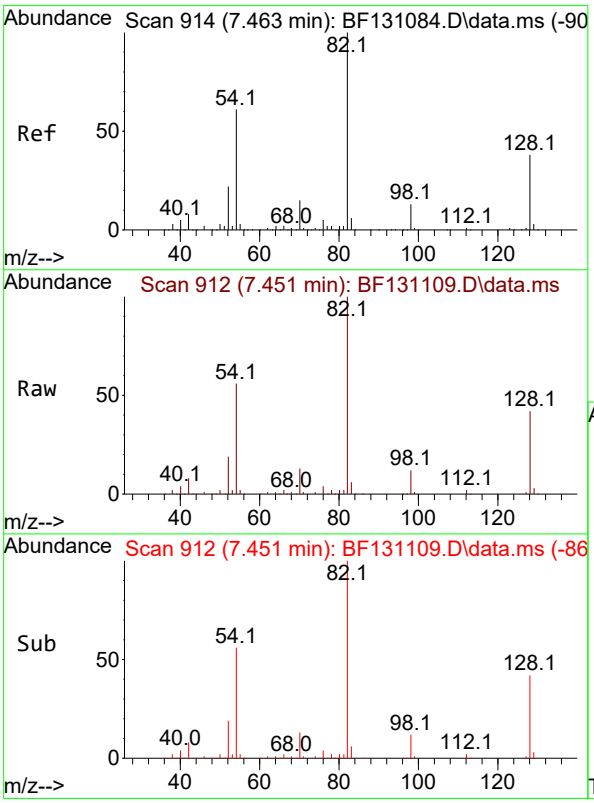
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. -0.005 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion:136 Resp: 366330

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.6	7.2	10.8
68	6.2	4.2	6.4

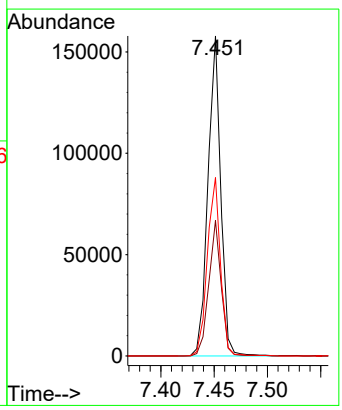


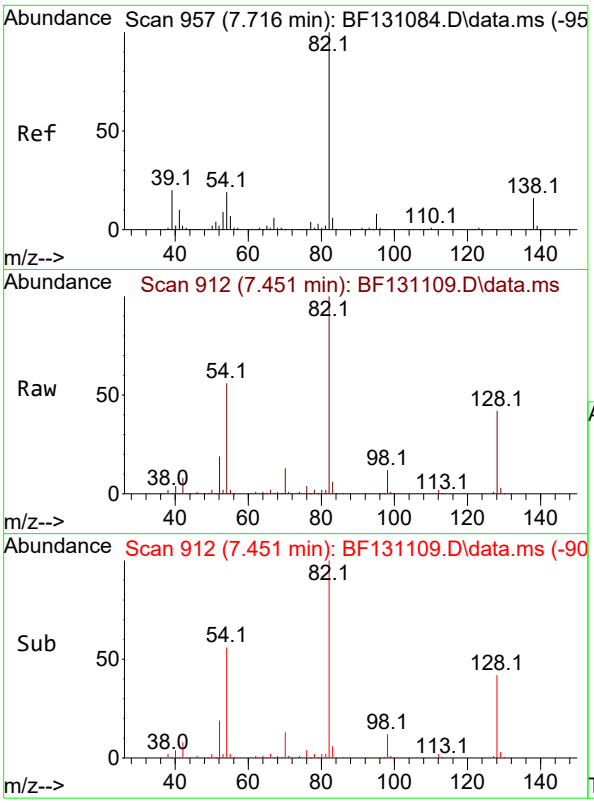


#23
Nitrobenzene-d5
Concen: 16.242 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion: 82 Resp: 131872

Ion	Ratio	Lower	Upper
82	100		
128	42.3	30.5	45.7
54	55.7	49.1	73.7



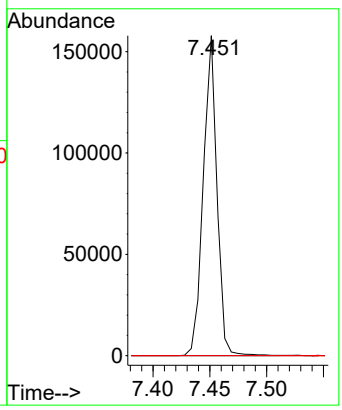


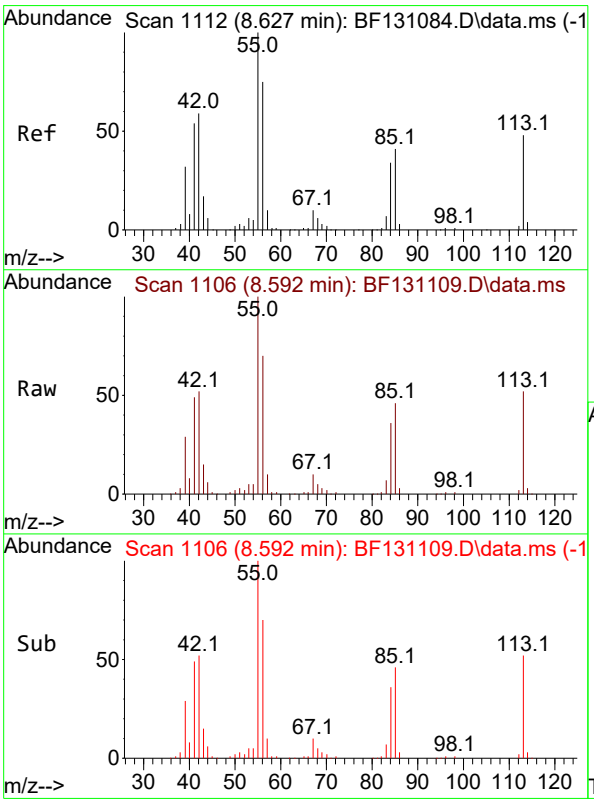
#25
Isophorone
Concen: 10.504 ng
RT: 7.451 min Scan# 9
Delta R.T. -0.265 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion: 82 Resp: 131869

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	12.5	18.7#

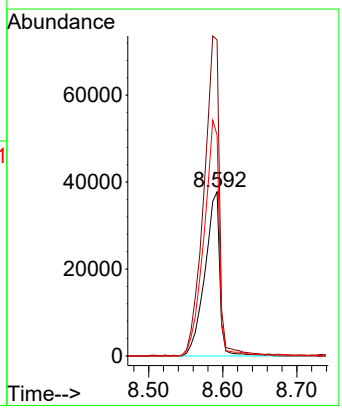


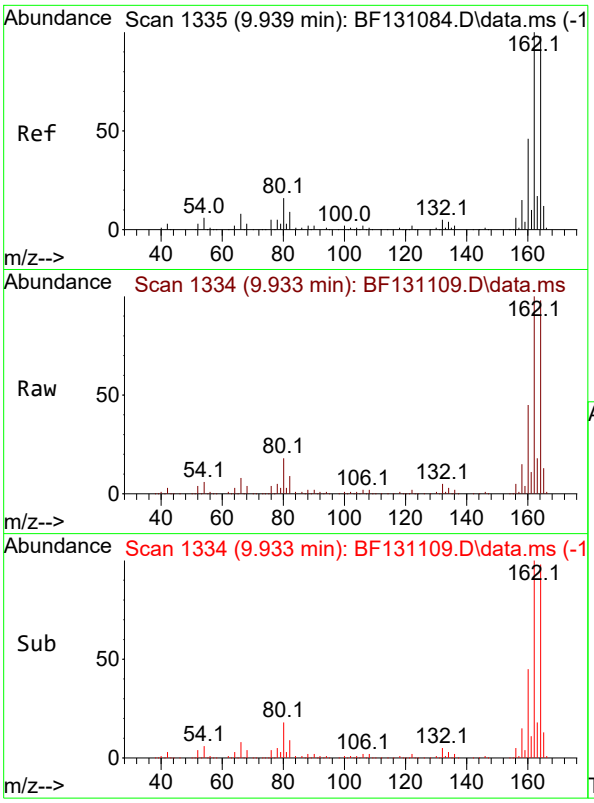


#35
Caprolactam
Concen: 30.025 ng
RT: 8.592 min Scan# 1106
Delta R.T. -0.035 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:113 Resp: 52664

Ion	Ratio	Lower	Upper
113	100		
55	192.5	189.1	229.1
56	134.5	137.1	177.1#



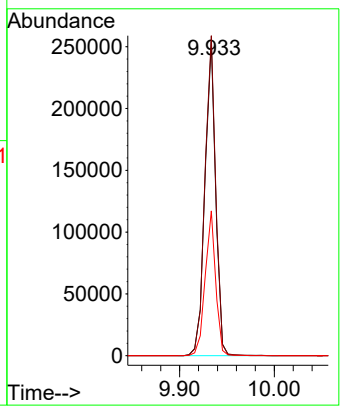


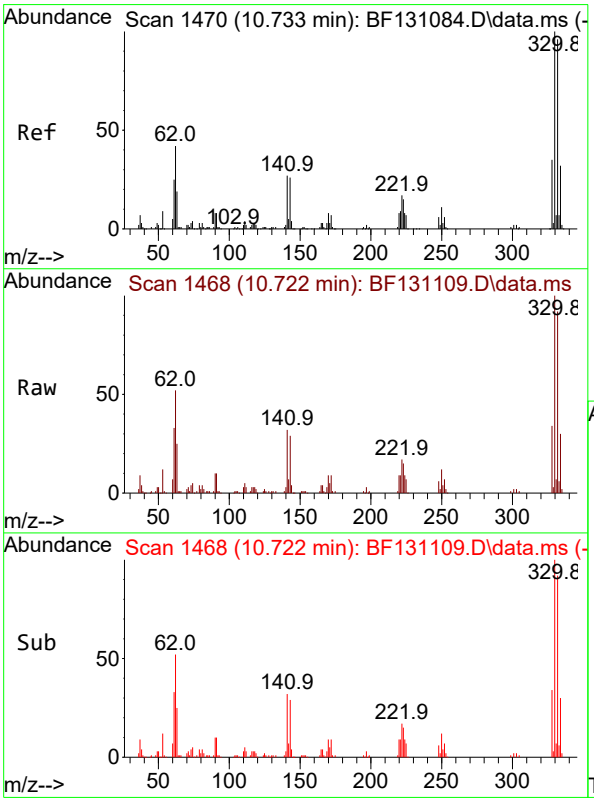
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion:164 Resp: 200823

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.7	122.5
160	46.1	37.4	56.2

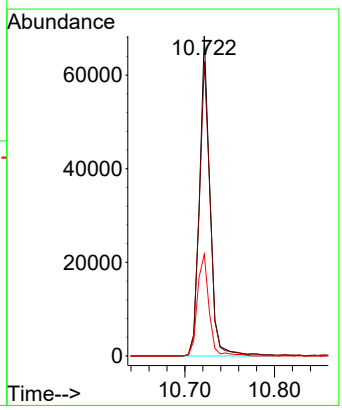


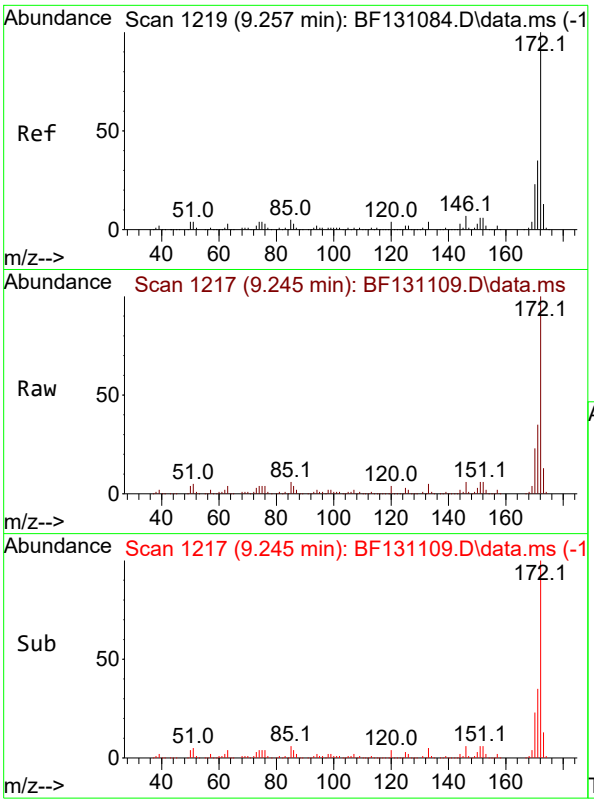


#42
2,4,6-Tribromophenol
Concen: 26.440 ng
RT: 10.722 min Scan# 1468
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:330 Resp: 54874

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.4
141	35.3	28.5	42.7



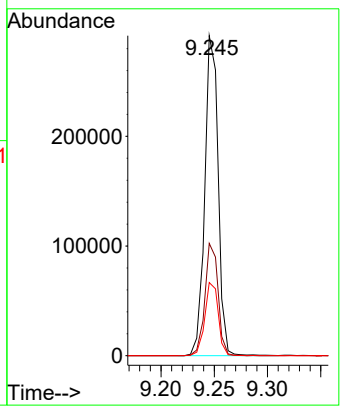


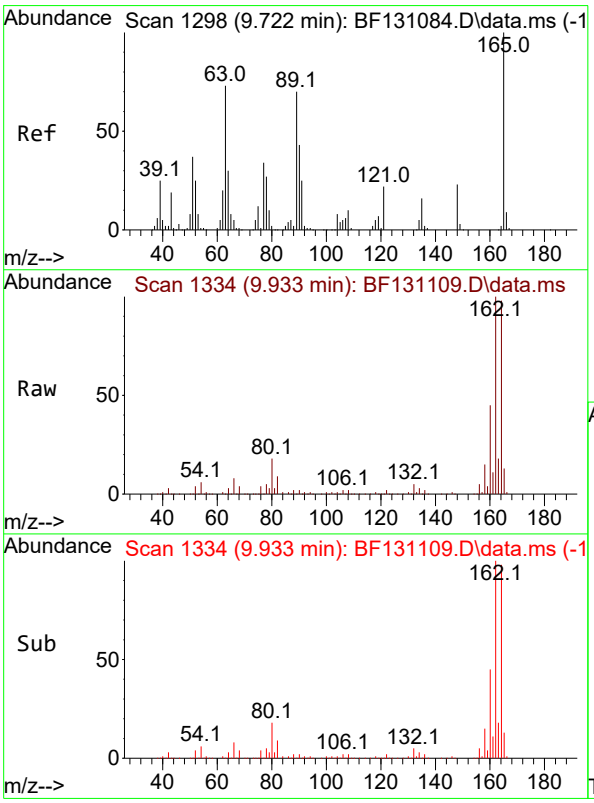
#45
2-Fluorobiphenyl
Concen: 17.781 ng
RT: 9.245 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion:172 Resp: 255790

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	22.9	18.8	28.2

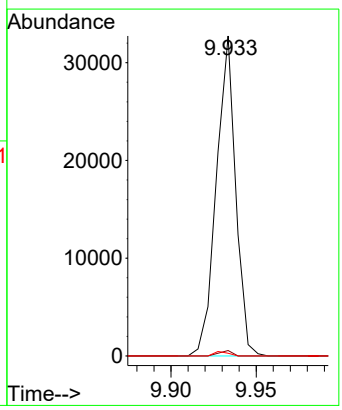


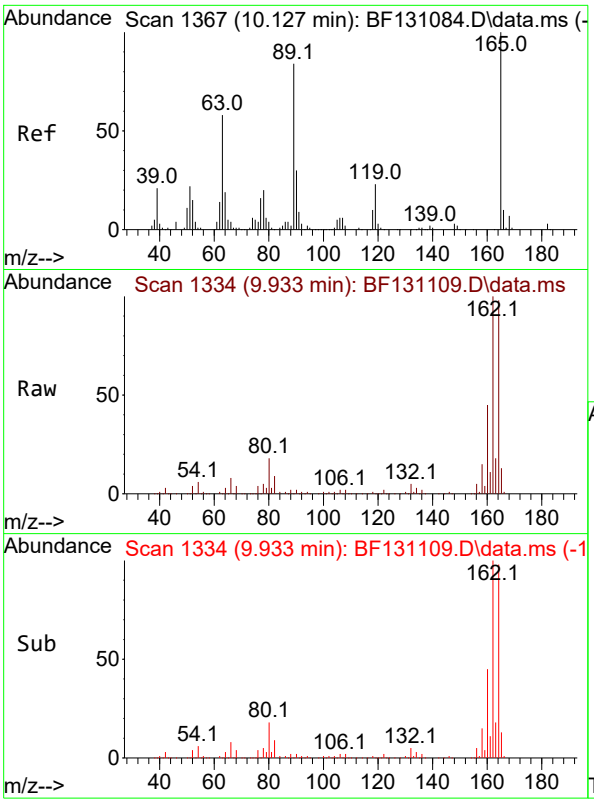


#51
2,6-Dinitrotoluene
Concen: 8.231 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:165 Resp: 25840

Ion	Ratio	Lower	Upper
165	100		
63	1.7	61.4	92.2#
89	0.8	56.0	84.0#



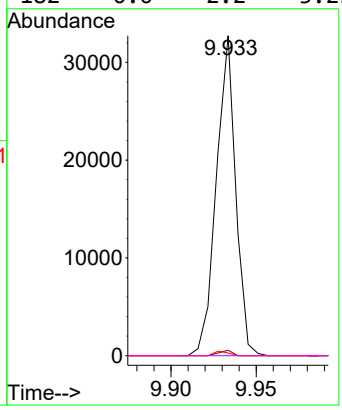


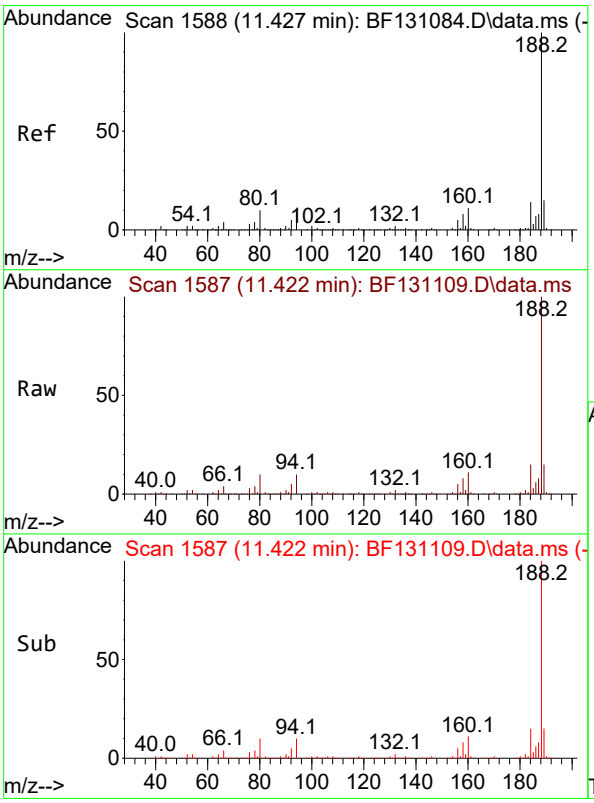
#57
2,4-Dinitrotoluene
Concen: 6.192 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.194 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion:165 Resp: 25840

Ion	Ratio	Lower	Upper
165	100		
63	1.7	46.9	70.3#
89	0.8	66.9	100.3#
182	0.0	2.2	3.2#

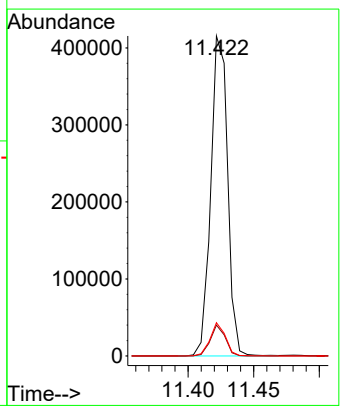


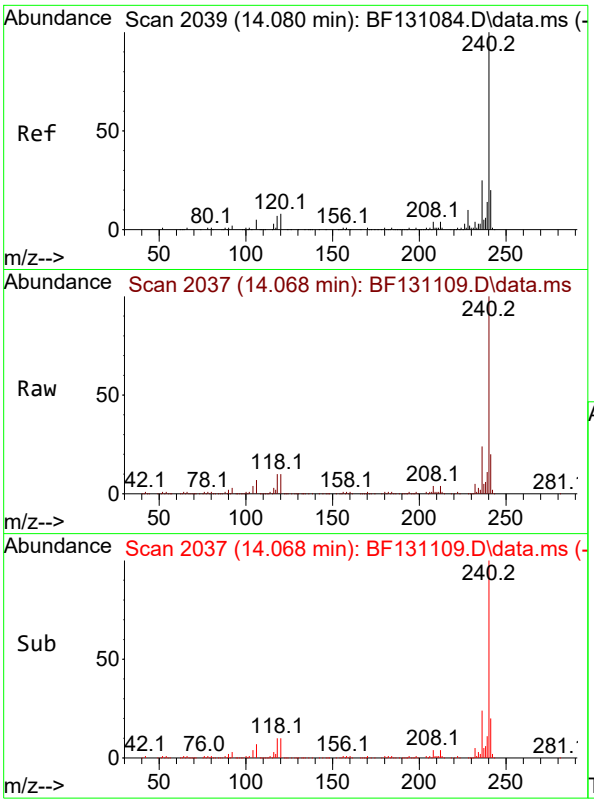


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:188 Resp: 370769

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.6
80	10.4	7.9	11.9



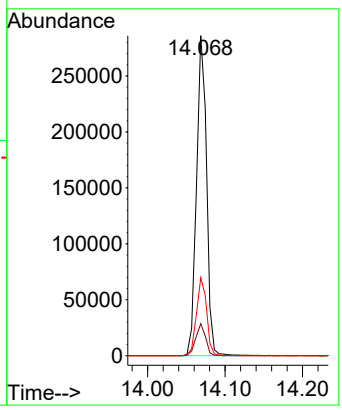


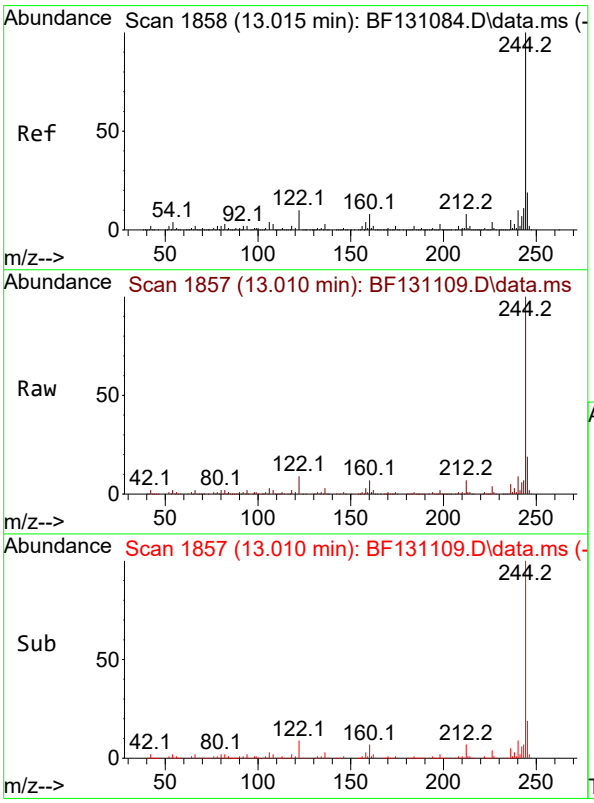
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion:240 Resp: 257656

Ion	Ratio	Lower	Upper
240	100		
120	10.0	6.5	9.7#
236	24.3	19.7	29.5

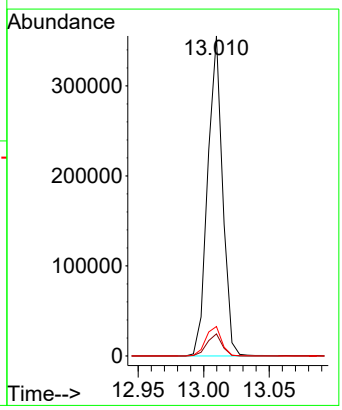


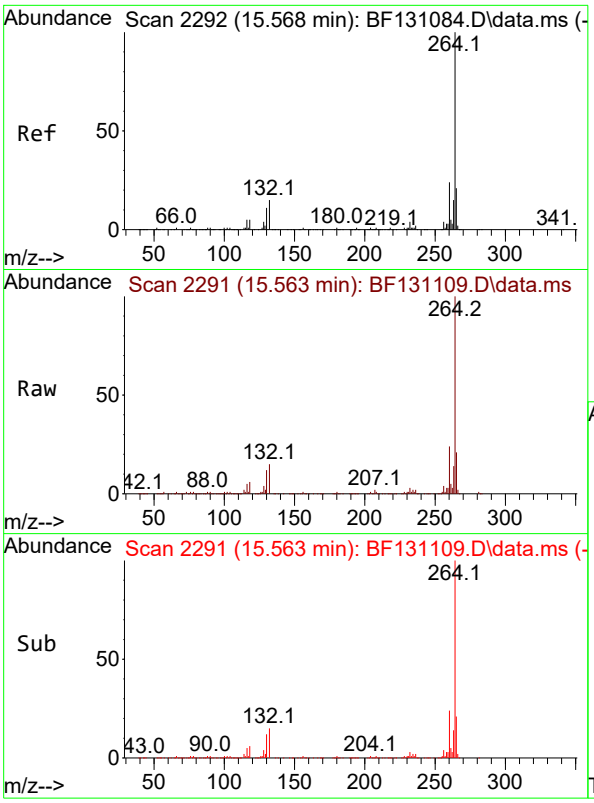


#79
Terphenyl-d14
Concen: 19.107 ng
RT: 13.010 min Scan# 1857
Delta R.T. -0.005 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:244 Resp: 280788

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	9.2	7.8	11.8



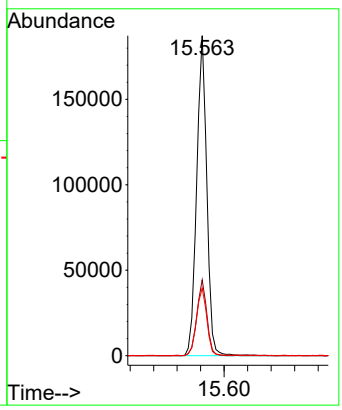


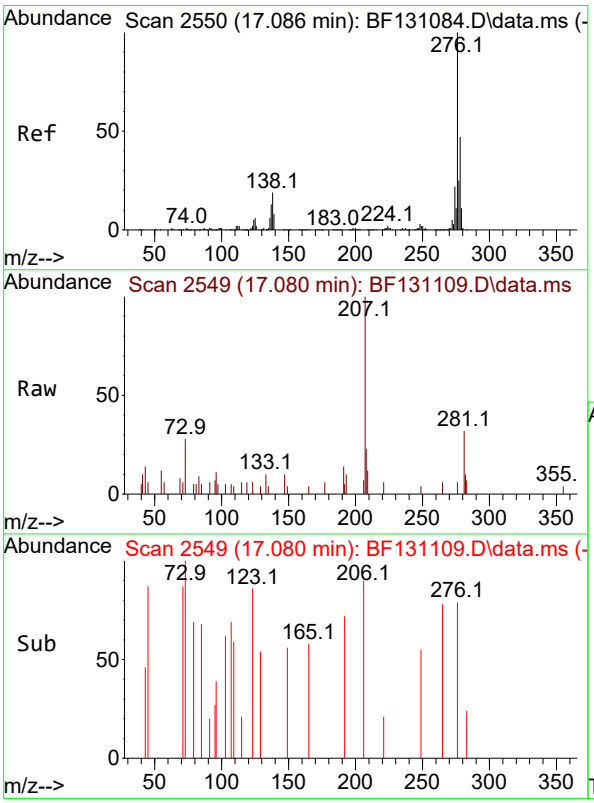
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

Tgt Ion:264 Resp: 223643

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	21.1	16.7	25.1

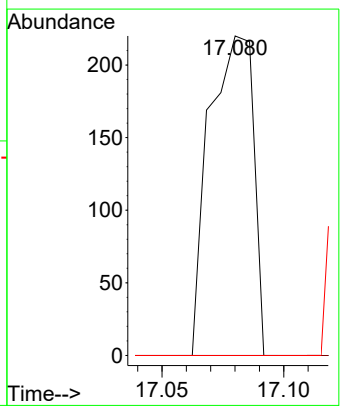


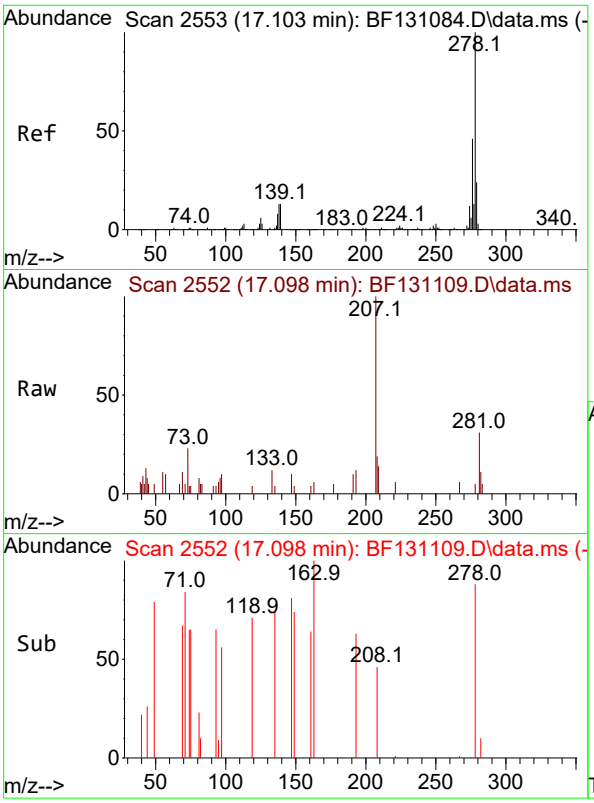


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.879 ng
RT: 17.080 min Scan# 2549
Delta R.T. -0.006 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:276 Resp: 277

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.9	25.3#
277	0.0	20.3	30.5#



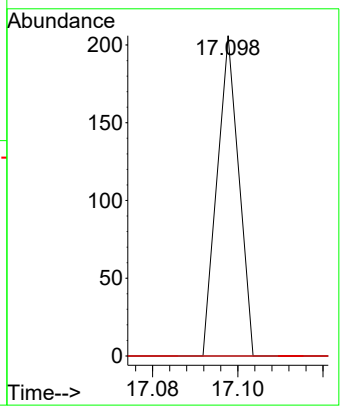


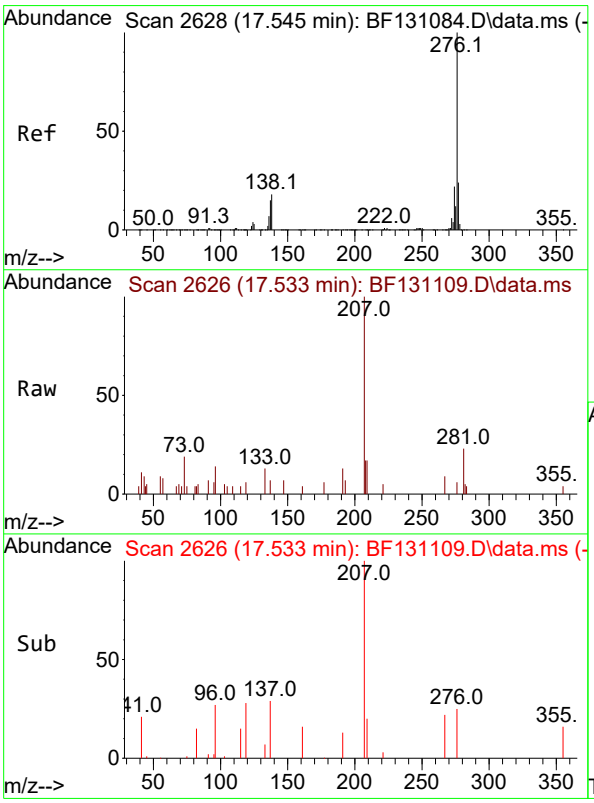
#91
Dibenzo(a,h)anthracene
Concen: 3.844 ng
RT: 17.098 min Scan# 2
Delta R.T. -0.005 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Instrument :
BNA_F
ClientSampleId :
SB-1DL

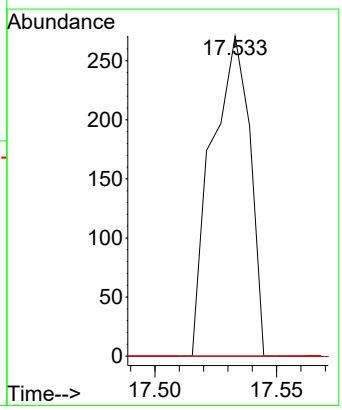
Tgt Ion:278 Resp: 73

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.8	16.2#
279	0.0	19.2	28.8#





#92
Benzo(g,h,i)perylene
Concen: 4.383 ng
RT: 17.533 min Scan# 2626
Delta R.T. -0.012 min
Lab File: BF131109.D
Acq: 10 Nov 2022 02:34

Tgt Ion:276 Resp: 295

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.4#
138	0.0	14.6	21.8#