

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131060.D
 Acq On : 08 Nov 2022 11:30
 Operator : CG\JU
 Sample : N5415-16RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-29

Quant Time: Nov 08 12:36:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

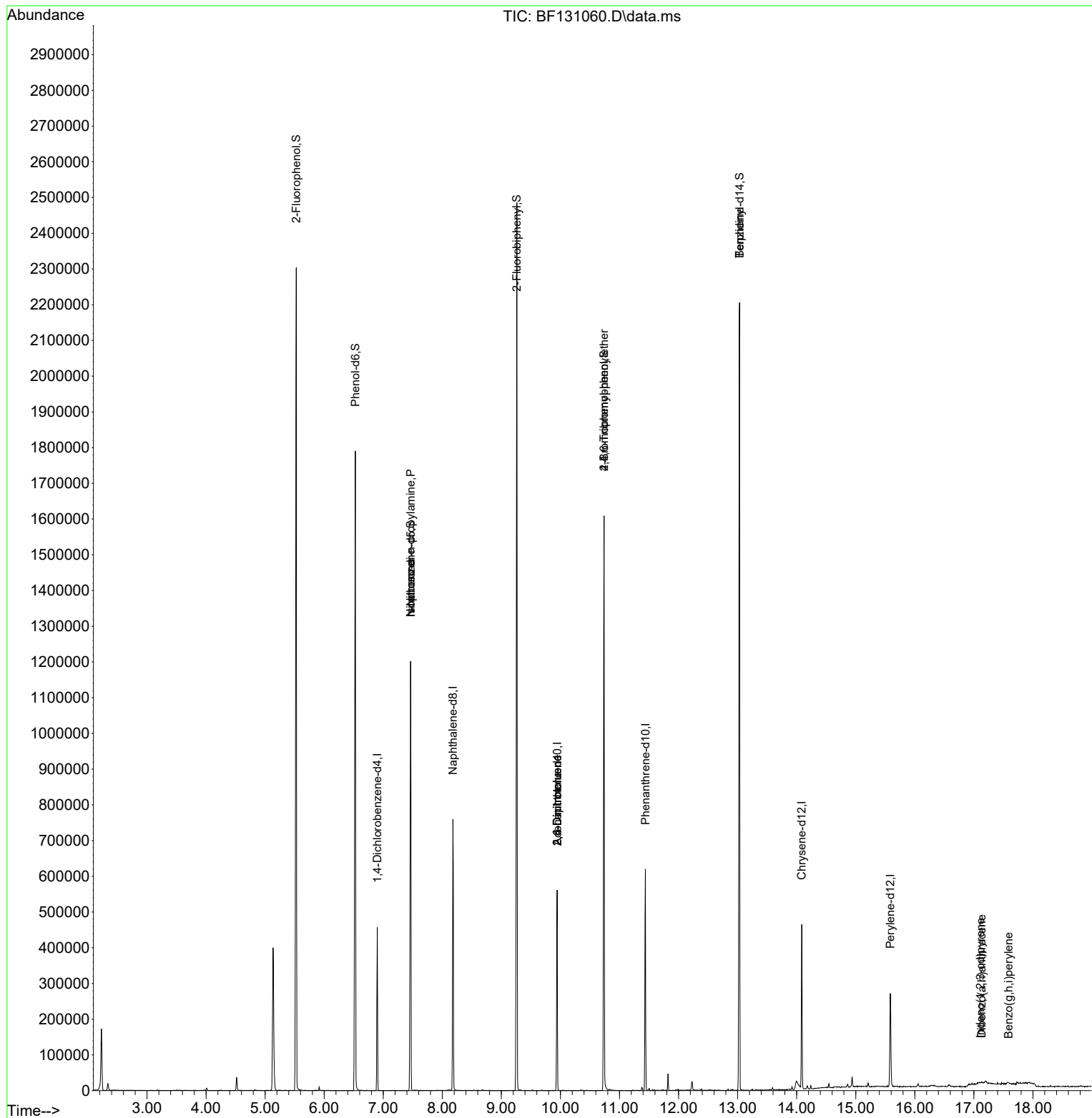
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	51317	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	333786	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	110170	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	207789	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	146003	20.000	ng	0.00
86) Perylene-d12	15.586	264	116701	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	573229	180.122	ng	0.01
7) Phenol-d6	6.528	99	546035	140.572	ng	0.00
23) Nitrobenzene-d5	7.463	82	391852	54.416	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	173033	142.656	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	730579	90.374	ng	0.00
79) Terphenyl-d14	13.033	244	785528	86.259	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	56482	20.404	ng	# 78
25) Isophorone	7.463	82	391847	31.747	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	14121	7.796	ng	# 18
57) 2,4-Dinitrotoluene	9.945	165	14121	6.001	ng	# 20
67) 4-Bromophenyl-phenylether	10.739	248	11198	4.289	ng	# 1
77) Benzidine	13.033	184	13013	3.304	ng	# 89
87) Indeno(1,2,3-cd)pyrene	17.109	276	189	3.339	ng	# 52
91) Dibenzo(a,h)anthracene	17.133	278	190	3.329	ng	# 57
92) Benzo(g,h,i)perylene	17.586	276	428	3.440	ng	# 54

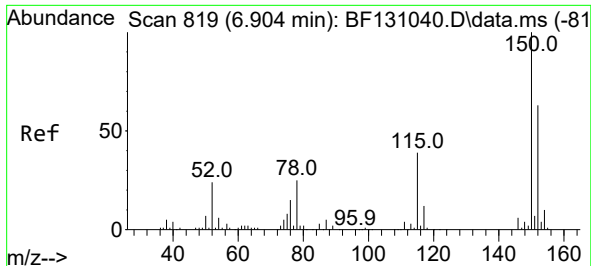
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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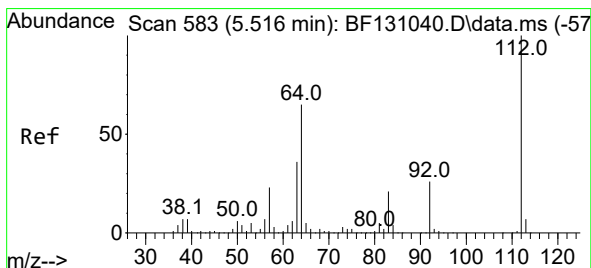
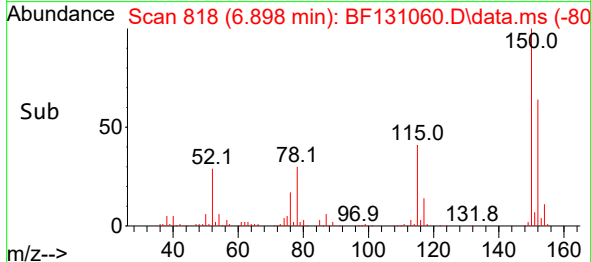
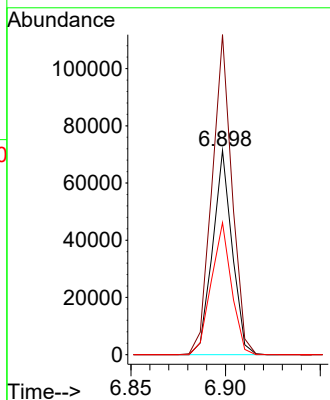
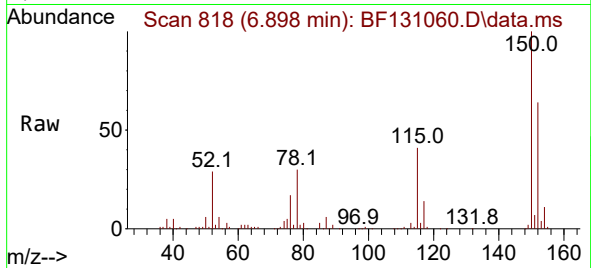




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

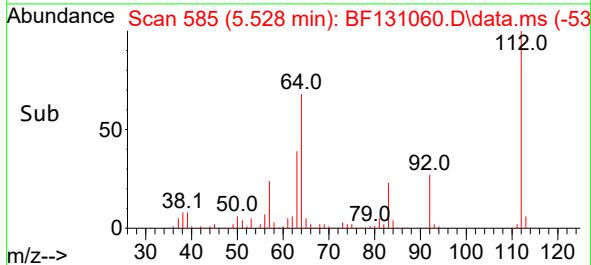
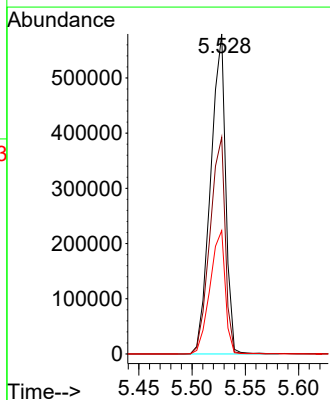
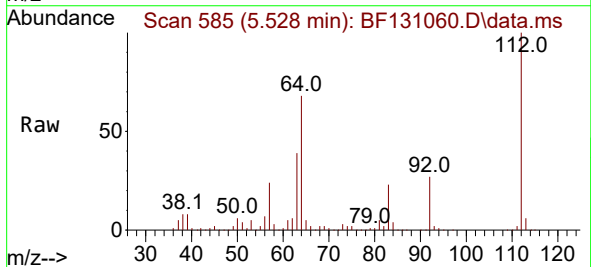
Instrument :
BNA_F
ClientSampleId :
R-29

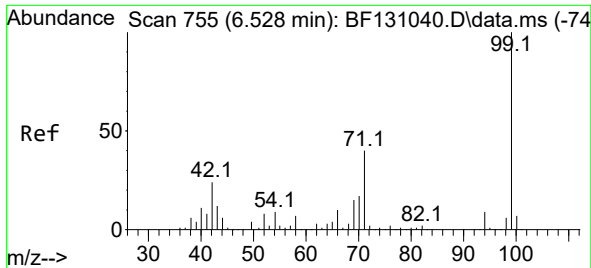
Tgt Ion:152 Resp: 51317
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 64.6 49.1 73.7



#5
2-Fluorophenol
Concen: 180.122 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion:112 Resp: 573229
Ion Ratio Lower Upper
112 100
64 67.7 52.2 78.4
63 38.6 29.0 43.4

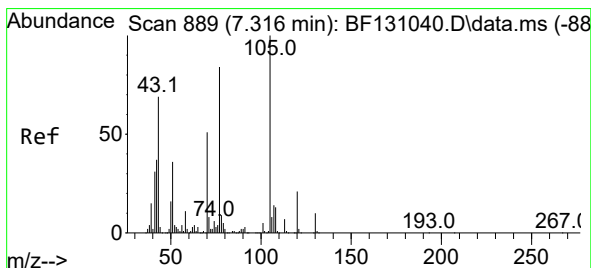
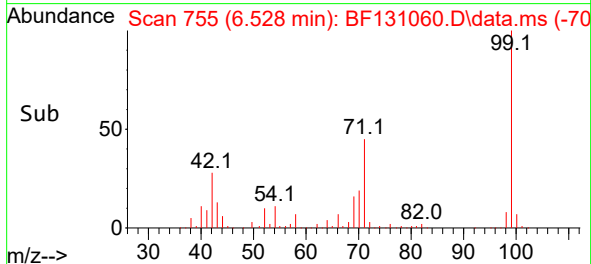
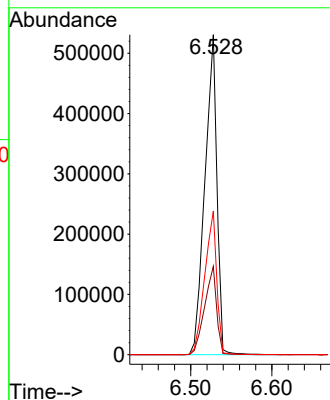
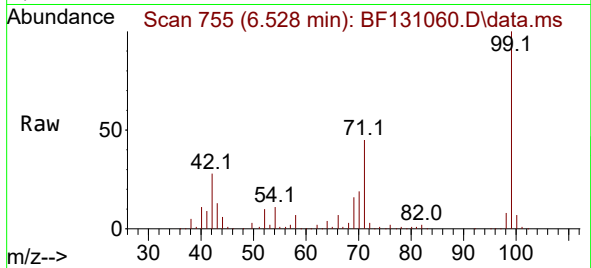




#7
Phenol-d6
Concen: 140.572 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

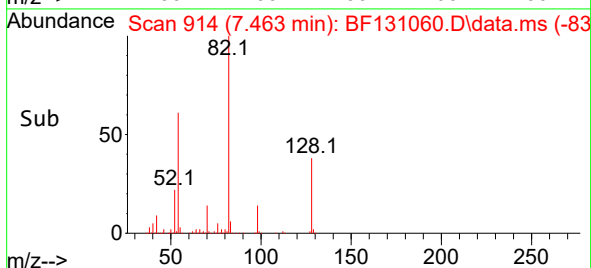
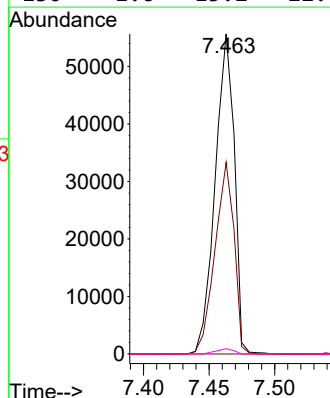
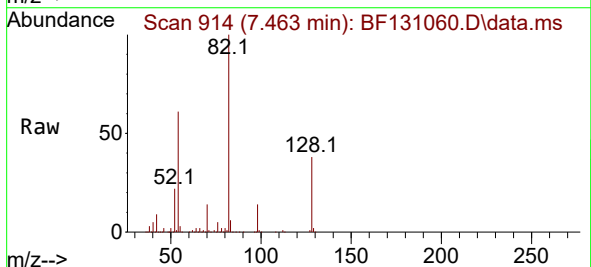
Instrument :
BNA_F
ClientSampleId :
R-29

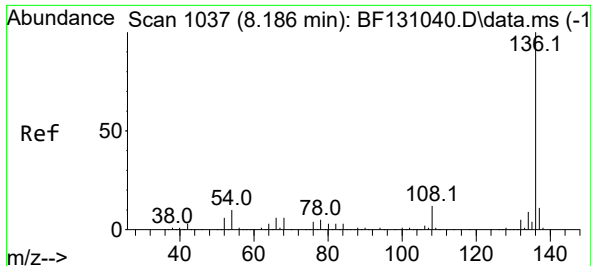
Tgt Ion: 99 Resp: 546035
Ion Ratio Lower Upper
99 100
42 27.6 19.4 29.0
71 44.9 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.404 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion: 70 Resp: 56482
Ion Ratio Lower Upper
70 100
42 59.9 59.0 88.4
101 0.0 8.0 12.0#
130 1.6 15.2 22.8#

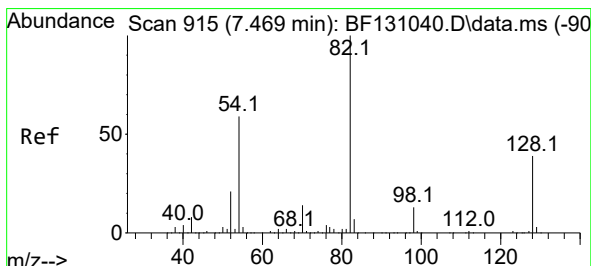
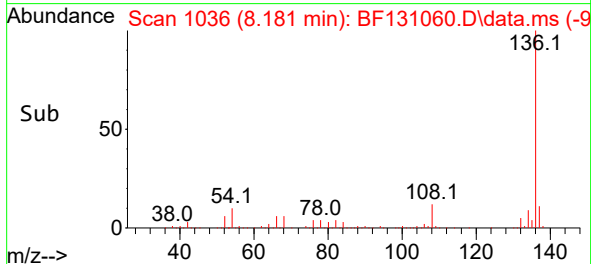
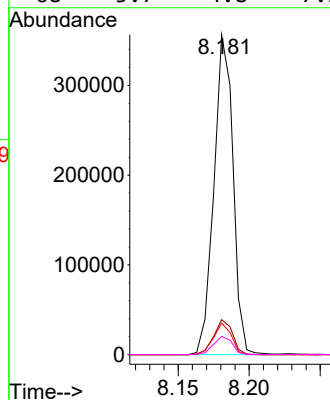
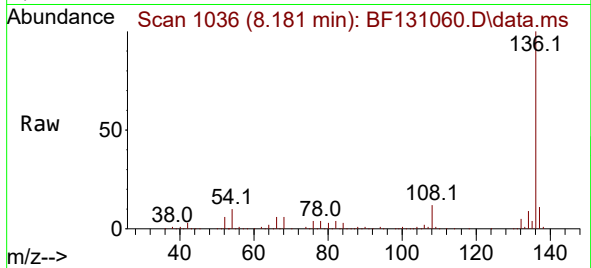




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

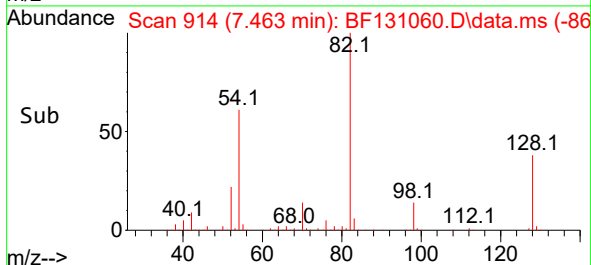
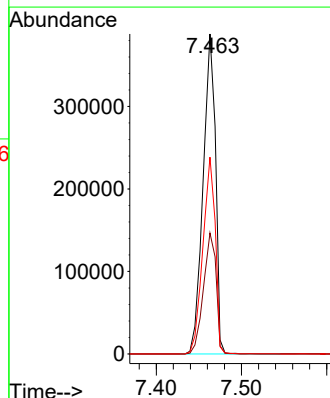
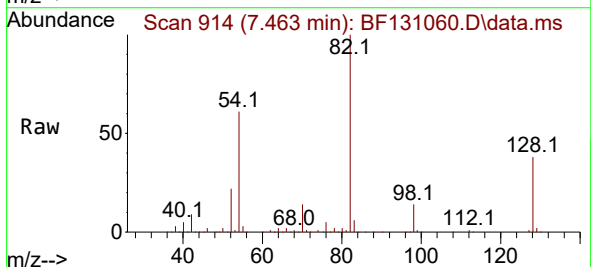
Instrument :
BNA_F
ClientSampleId :
R-29

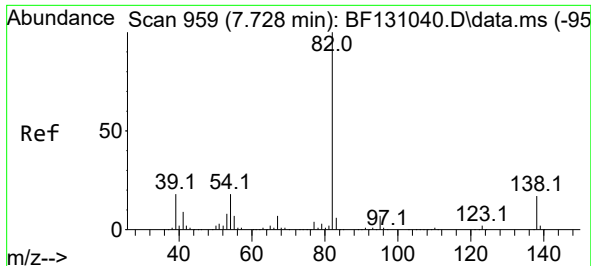
Tgt Ion:	136	Resp:	333786
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.8	8.2	12.2
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 54.416 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion:	82	Resp:	391852
Ion	Ratio	Lower	Upper
82	100		
128	37.8	31.3	46.9
54	61.5	47.2	70.8

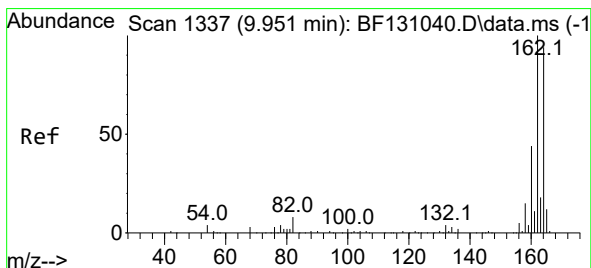
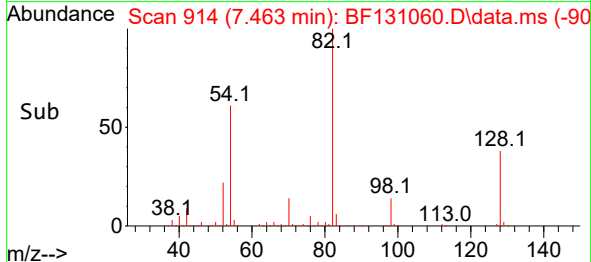
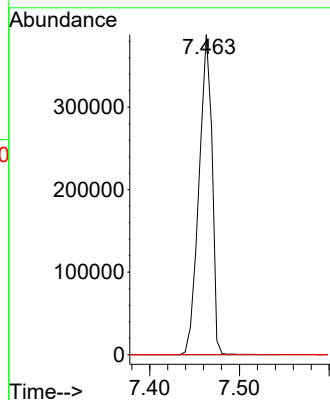
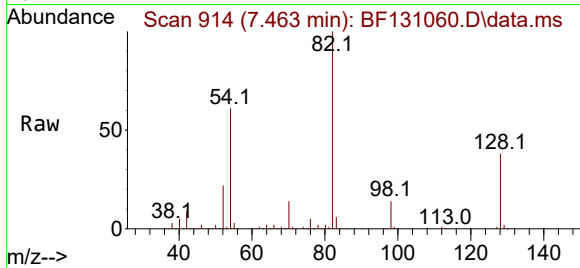




#25
Isophorone
Concen: 31.747 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

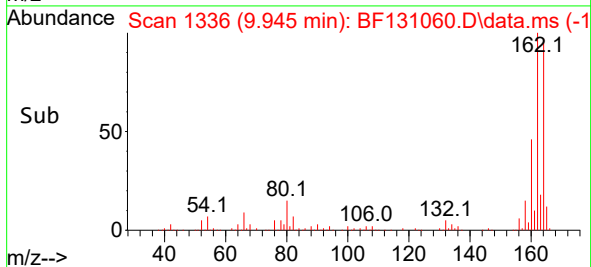
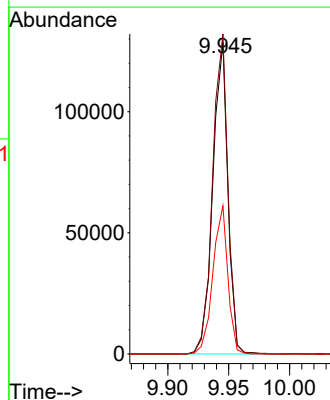
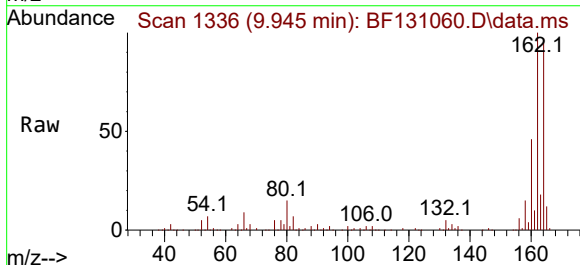
Instrument :
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ClientSampleId :
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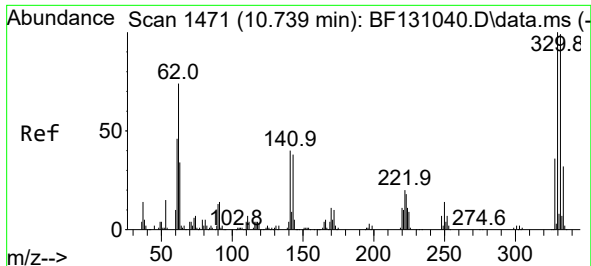
Tgt Ion: 82 Resp: 391847
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion:164 Resp: 110170
Ion Ratio Lower Upper
164 100
162 102.7 85.0 127.6
160 47.6 37.0 55.6

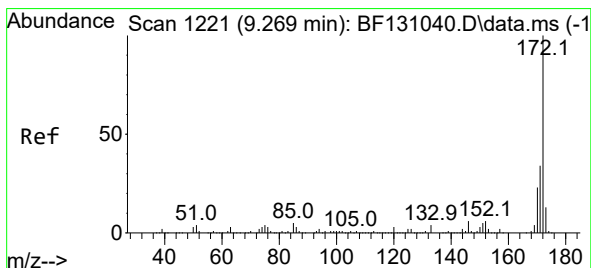
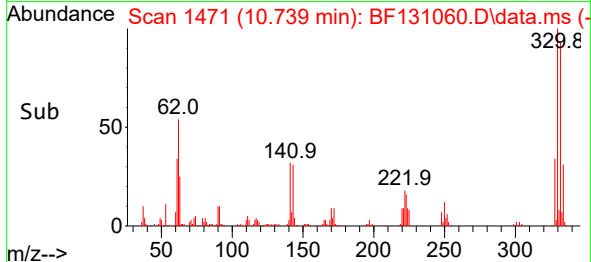
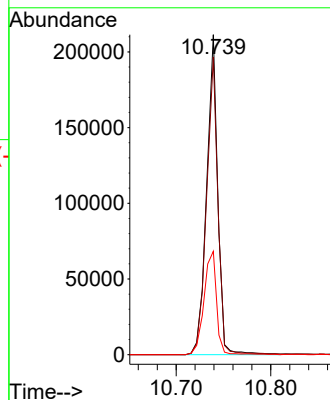
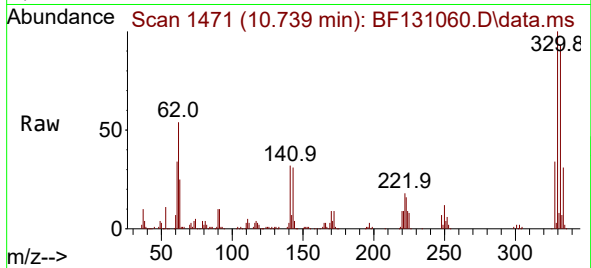




#42
2,4,6-Tribromophenol
Concen: 142.656 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

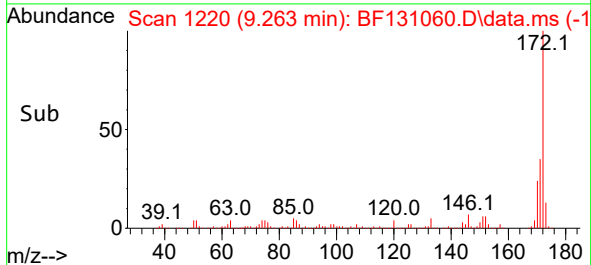
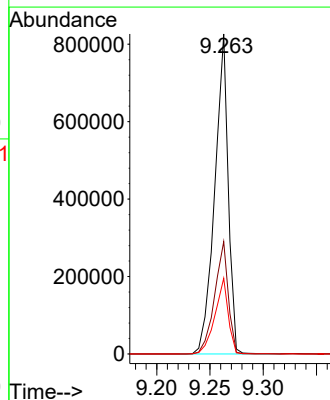
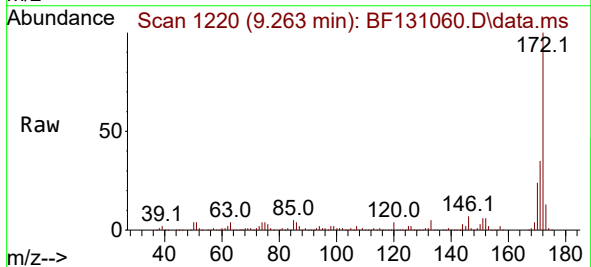
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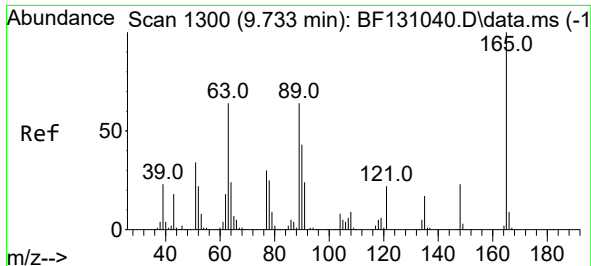
Tgt Ion: 330 Resp: 173033
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.4
141 36.6 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 90.374 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion: 172 Resp: 730579
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.6 18.4 27.6

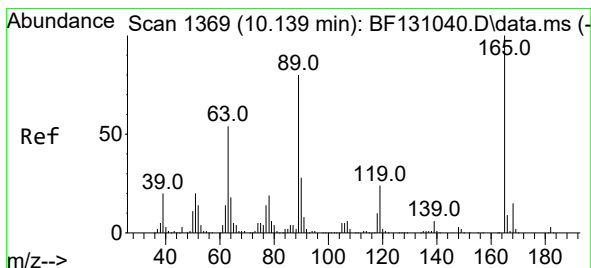
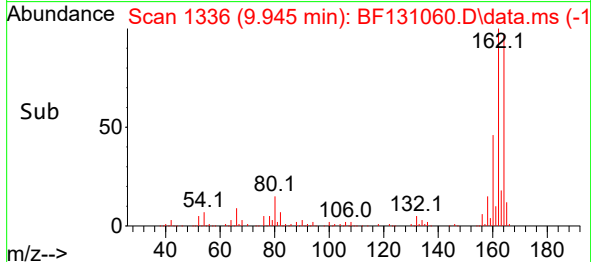
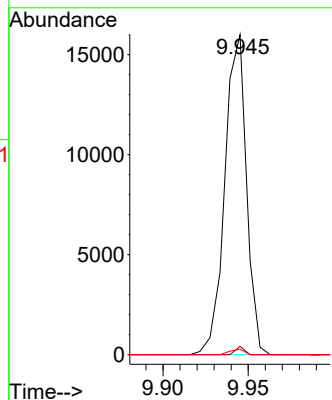
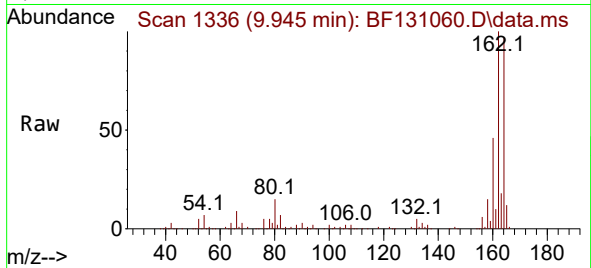




#51
2,6-Dinitrotoluene
Concen: 7.796 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.212 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

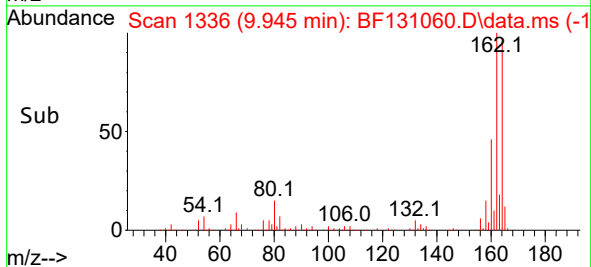
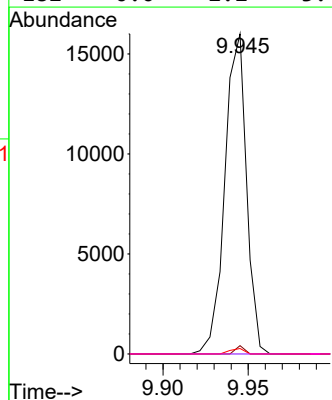
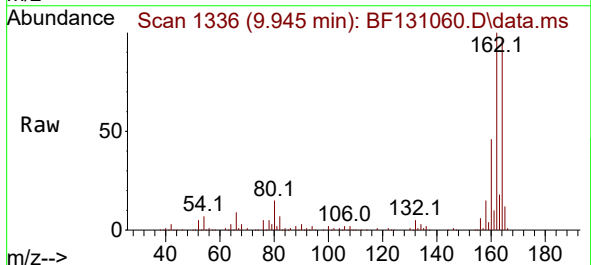
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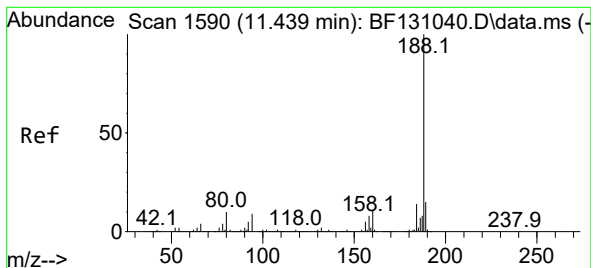
Tgt Ion:165 Resp: 14121
Ion Ratio Lower Upper
165 100
63 2.6 57.2 85.8#
89 1.7 51.4 77.2#



#57
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.194 min
Lab File: BF131060.D
Acq: 08 Nov 2022 11:30

Tgt Ion:165 Resp: 14121
Ion Ratio Lower Upper
165 100
63 2.6 43.4 65.0#
89 1.7 64.0 96.0#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131060.D

Acq: 08 Nov 2022 11:30

Instrument :

BNA_F

ClientSampleId :

R-29

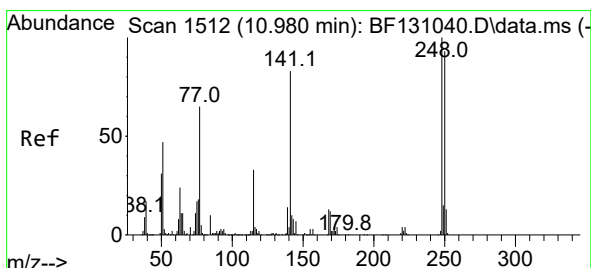
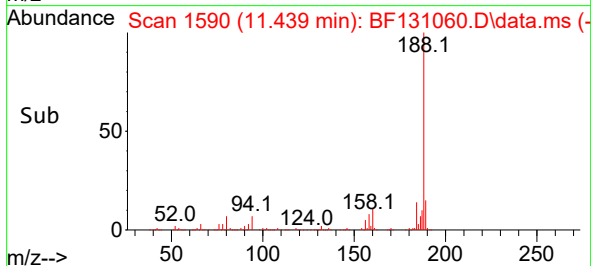
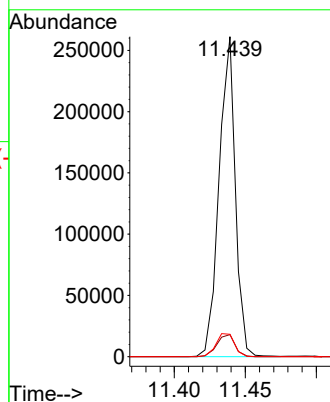
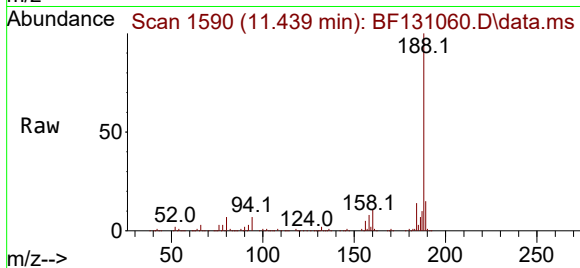
Tgt Ion:188 Resp: 207789

Ion Ratio Lower Upper

188 100

94 6.9 7.0 10.6#

80 7.0 8.1 12.1#



#67

4-Bromophenyl-phenylether

Concen: 4.289 ng

RT: 10.739 min Scan# 1471

Delta R.T. -0.241 min

Lab File: BF131060.D

Acq: 08 Nov 2022 11:30

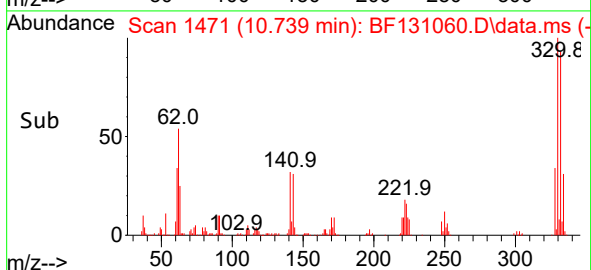
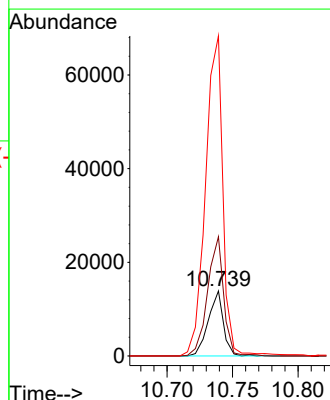
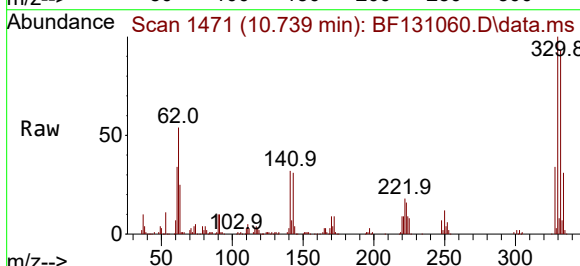
Tgt Ion:248 Resp: 11198

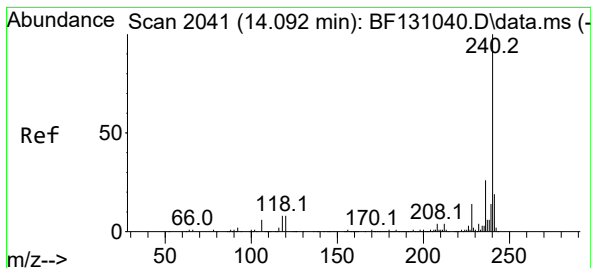
Ion Ratio Lower Upper

248 100

250 183.4 74.6 112.0#

141 492.0 66.2 99.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BF131060.D

Acq: 08 Nov 2022 11:30

Instrument :

BNA_F

ClientSampleId :

R-29

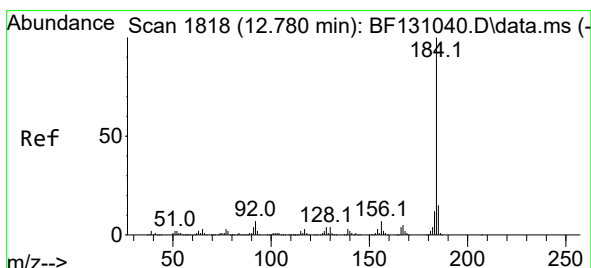
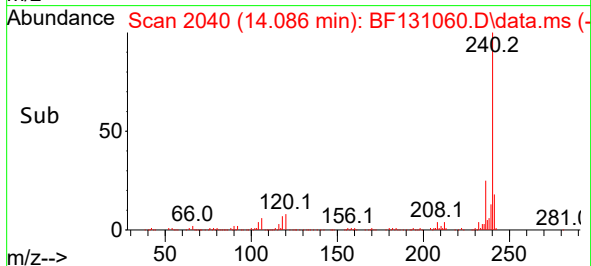
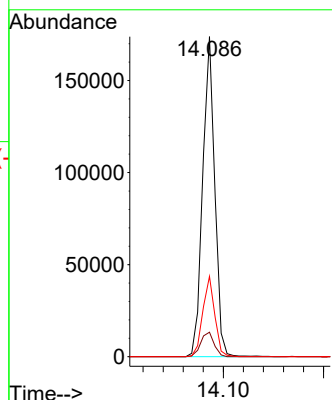
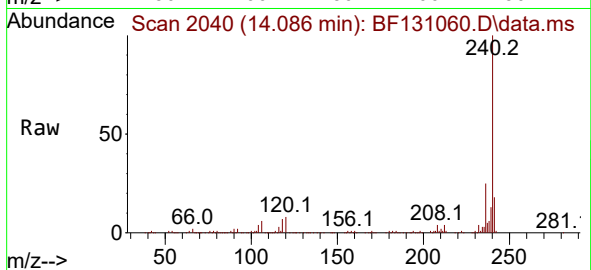
Tgt Ion:240 Resp: 146003

Ion Ratio Lower Upper

240 100

120 7.7 6.7 10.1

236 25.1 20.8 31.2



#77

Benidine

Concen: 3.304 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.253 min

Lab File: BF131060.D

Acq: 08 Nov 2022 11:30

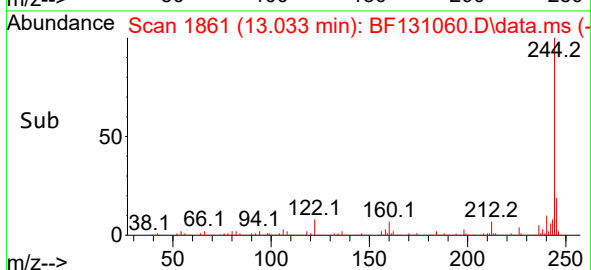
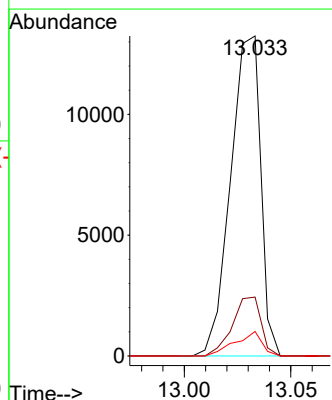
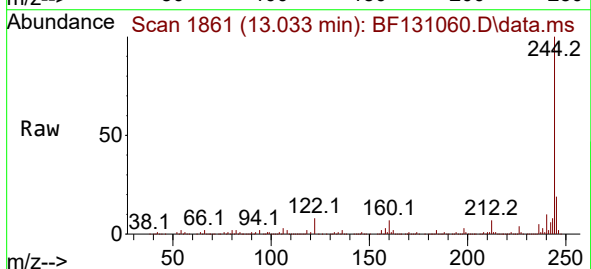
Tgt Ion:184 Resp: 13013

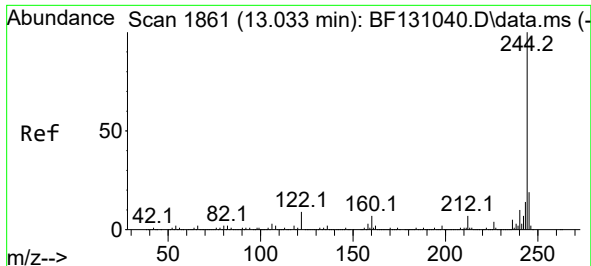
Ion Ratio Lower Upper

184 100

185 18.4 11.7 17.5#

183 7.6 10.0 15.0#

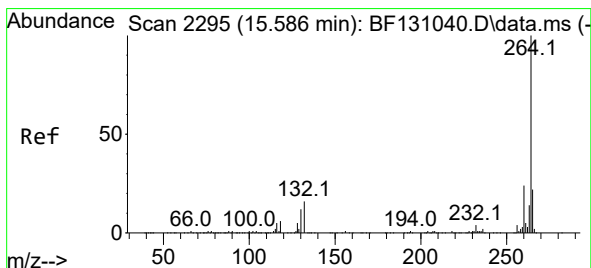
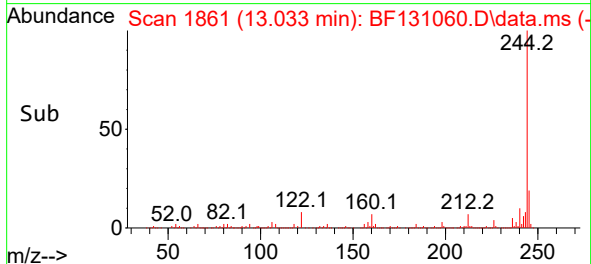
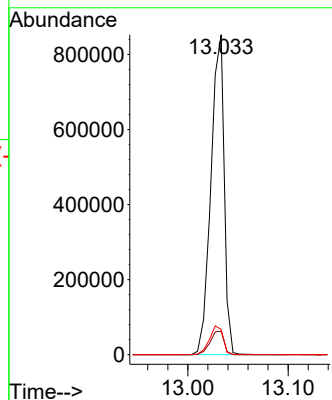
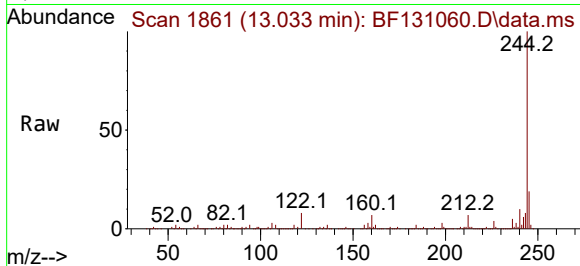




#79
 Terphenyl-d14
 Concen: 86.259 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: BF131060.D
 Acq: 08 Nov 2022 11:30

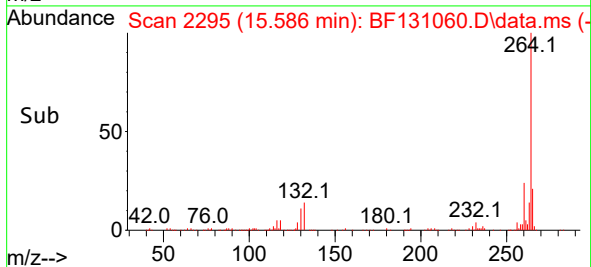
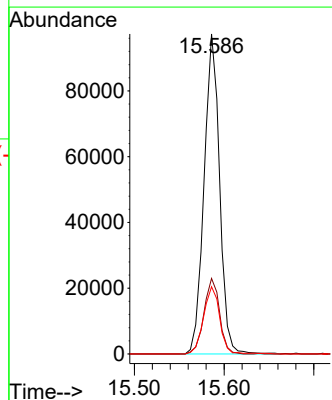
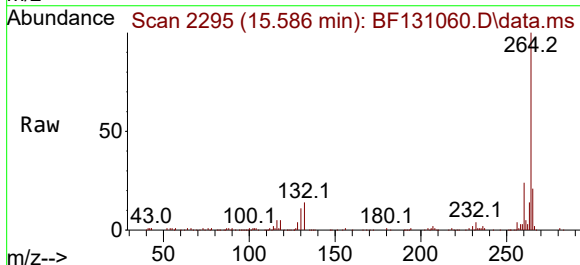
Instrument :
 BNA_F
 ClientSampleId :
 R-29

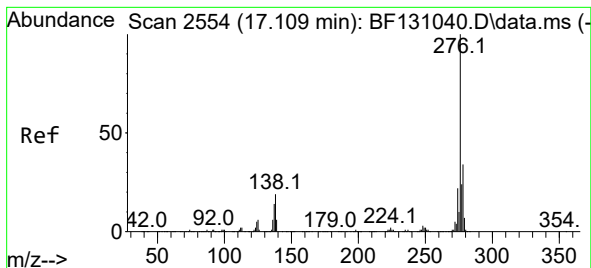
Tgt Ion:244 Resp: 785528
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 7.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131060.D
 Acq: 08 Nov 2022 11:30

Tgt Ion:264 Resp: 116701
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.0 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.339 ng

RT: 17.109 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BF131060.D

Acq: 08 Nov 2022 11:30

Instrument :

BNA_F

ClientSampleId :

R-29

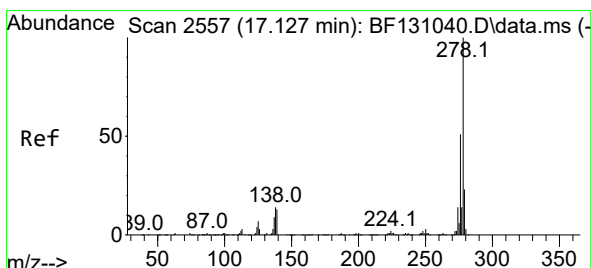
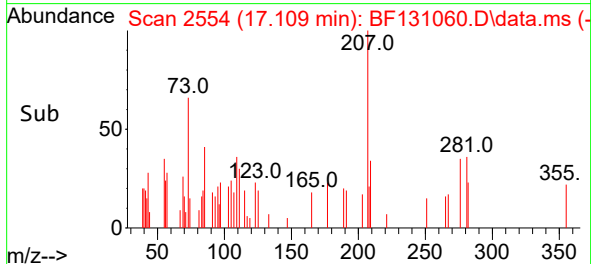
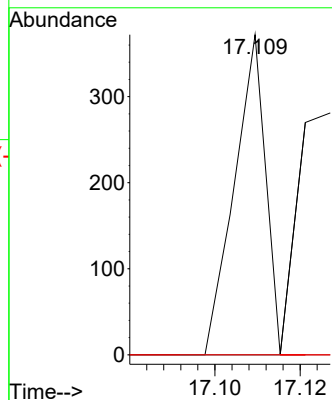
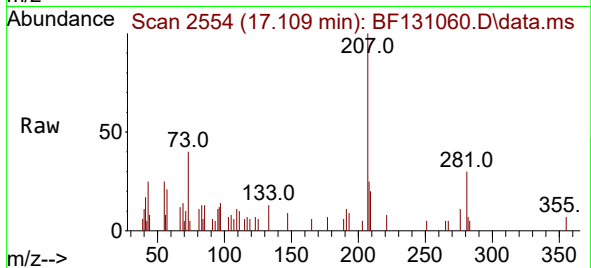
Tgt Ion:276 Resp: 189

Ion Ratio Lower Upper

276 100

138 0.0 17.3 25.9#

277 0.0 20.2 30.4#



#91

Dibenzo(a,h)anthracene

Concen: 3.329 ng

RT: 17.133 min Scan# 2558

Delta R.T. 0.006 min

Lab File: BF131060.D

Acq: 08 Nov 2022 11:30

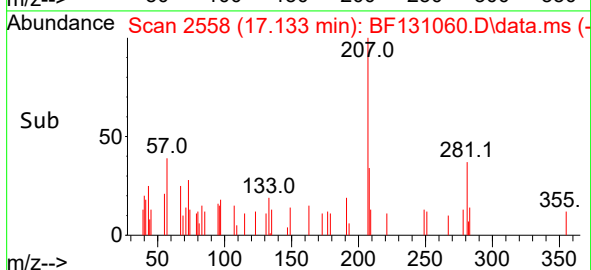
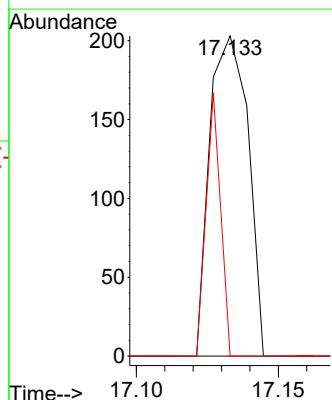
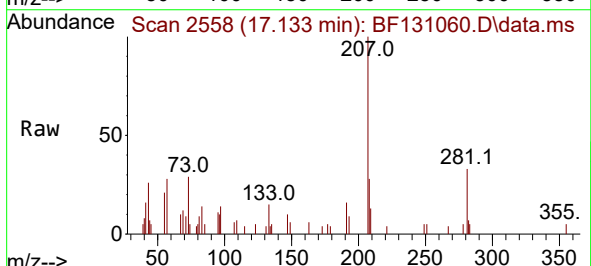
Tgt Ion:278 Resp: 190

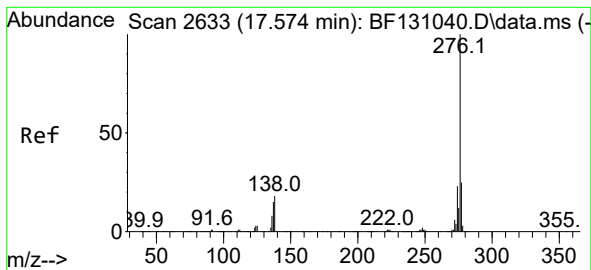
Ion Ratio Lower Upper

278 100

139 0.0 10.8 16.2#

279 0.0 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 3.440 ng

RT: 17.586 min Scan# 20

Delta R.T. 0.012 min

Lab File: BF131060.D

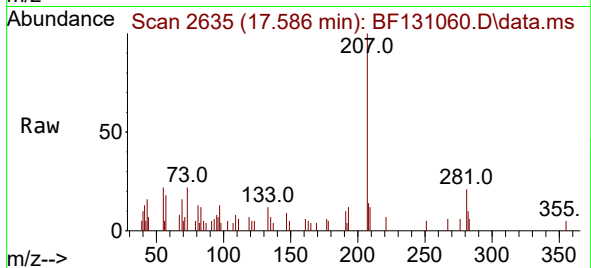
Acq: 08 Nov 2022 11:30

Instrument :

BNA_F

ClientSampleId :

R-29



Tgt Ion:276 Resp: 428

Ion Ratio Lower Upper

276 100

277 0.0 20.0 30.0#

138 0.0 14.8 22.2#

