

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131045.D
 Acq On : 07 Nov 2022 15:46
 Operator : CG\JU
 Sample : PB148810BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148810BL

Quant Time: Nov 08 02:16:04 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)

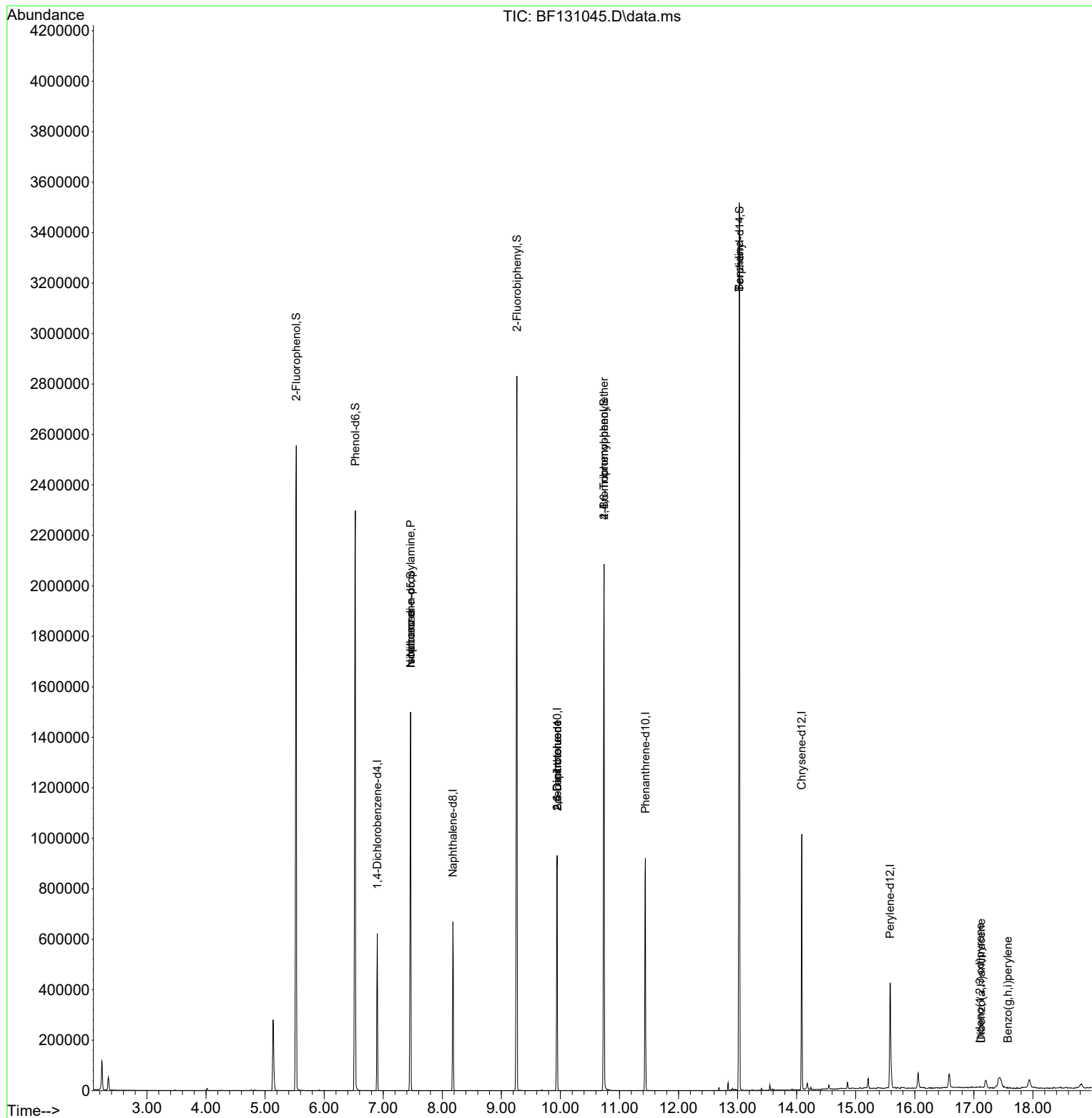
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	76098	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	298200	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	201704	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	335334	20.000	ng	0.00
76) Chrysene-d12	14.086	240	311549	20.000	ng	0.00
86) Perylene-d12	15.580	264	193315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	677616	143.585	ng	0.01
7) Phenol-d6	6.528	99	777779	135.028	ng	0.00
23) Nitrobenzene-d5	7.463	82	481137	74.789	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	235157	105.893	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	889415	60.094	ng	0.00
79) Terphenyl-d14	13.033	244	1387528	71.403	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	67604	16.469	ng	# 75
25) Isophorone	7.463	82	481037	43.624	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	25922	7.817	ng	# 18
57) 2,4-Dinitrotoluene	9.945	165	25922	6.017	ng	# 19
67) 4-Bromophenyl-phenylether	10.739	248	14921	3.541	ng	# 1
77) Benzidine	13.027	184	20188	2.402	ng	# 90
87) Indeno(1,2,3-cd)pyrene	17.104	276	1245	3.393	ng	# 58
91) Dibenzo(a,h)anthracene	17.121	278	781	3.361	ng	# 56
92) Benzo(g,h,i)perylene	17.574	276	941	3.456	ng	# 54

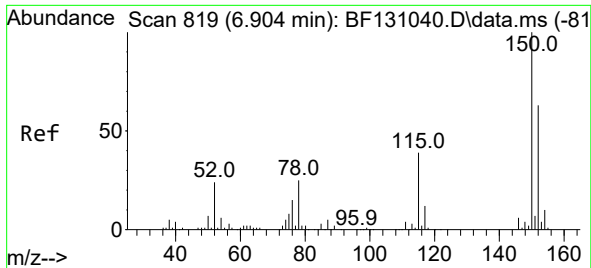
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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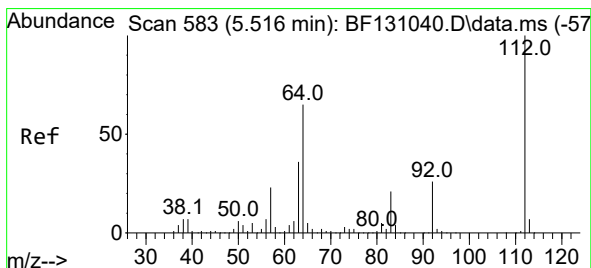
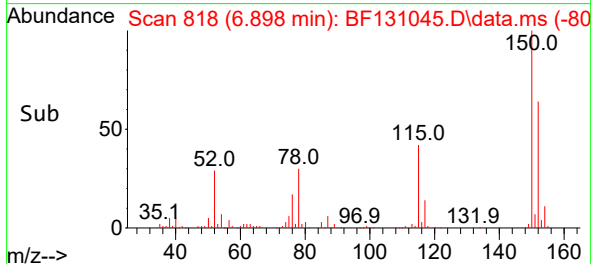
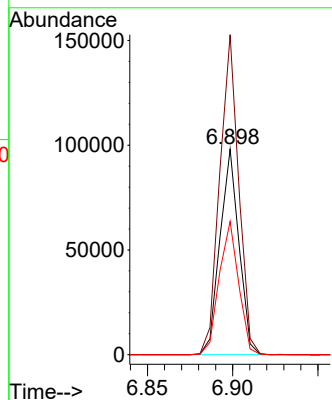
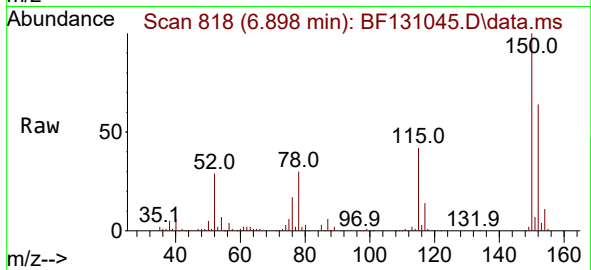




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

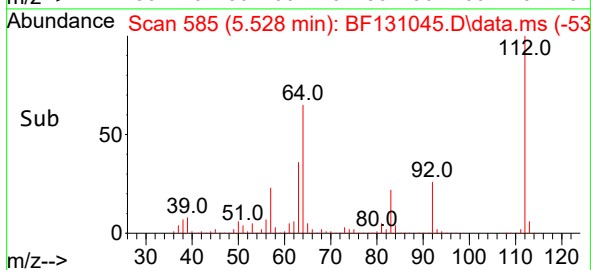
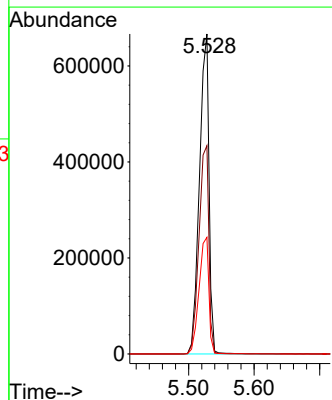
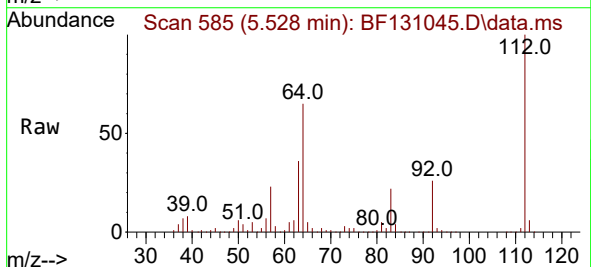
Instrument :
BNA_F
ClientSampleId :
PB148810BL

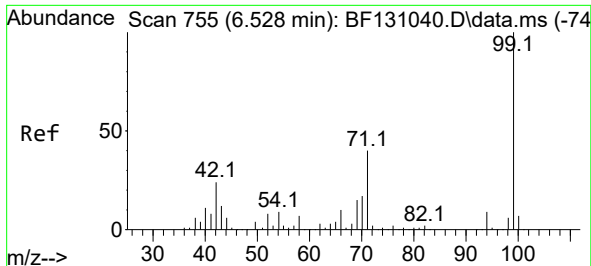
Tgt Ion:152 Resp: 76098
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 64.8 49.1 73.7



#5
2-Fluorophenol
Concen: 143.585 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.012 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

Tgt Ion:112 Resp: 677616
Ion Ratio Lower Upper
112 100
64 65.1 52.2 78.4
63 36.4 29.0 43.4

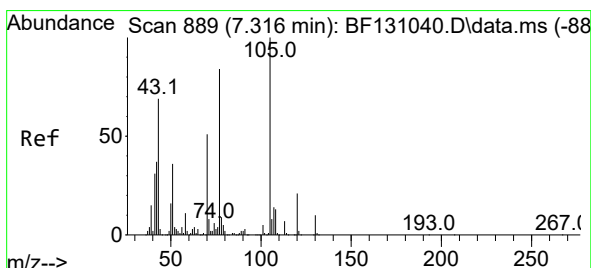
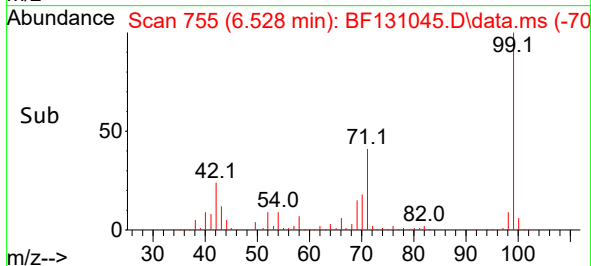
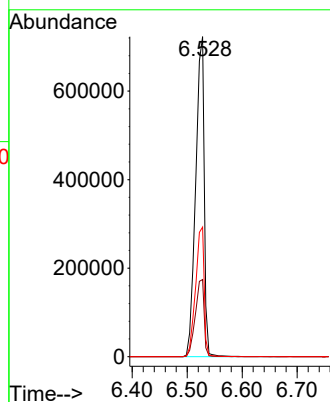
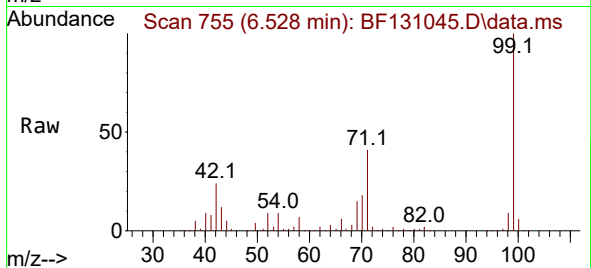




#7
Phenol-d6
Concen: 135.028 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

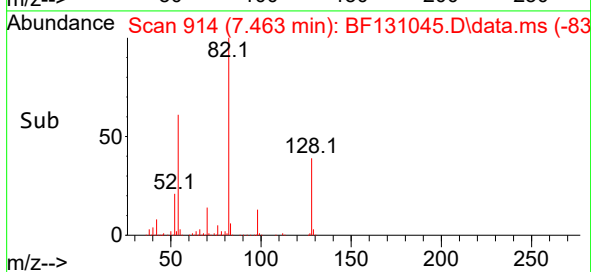
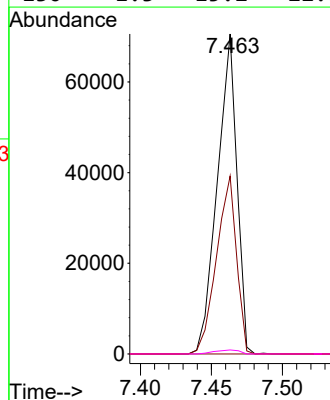
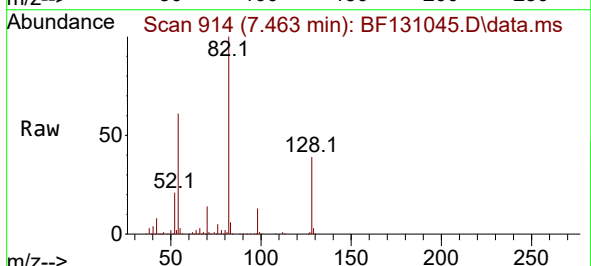
Instrument :
BNA_F
ClientSampleId :
PB148810BL

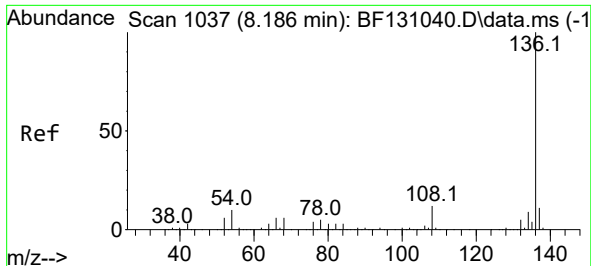
Tgt Ion: 99 Resp: 777779
Ion Ratio Lower Upper
99 100
42 24.1 19.4 29.0
71 40.5 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.469 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

Tgt Ion: 70 Resp: 67604
Ion Ratio Lower Upper
70 100
42 55.6 59.0 88.4#
101 0.0 8.0 12.0#
130 1.3 15.2 22.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131045.D

Acq: 07 Nov 2022 15:46

Instrument :

BNA_F

ClientSampleId :

PB148810BL

Tgt Ion:136 Resp: 298200

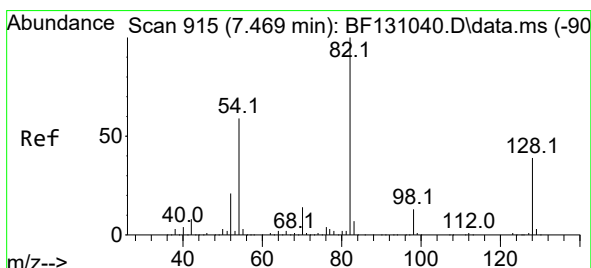
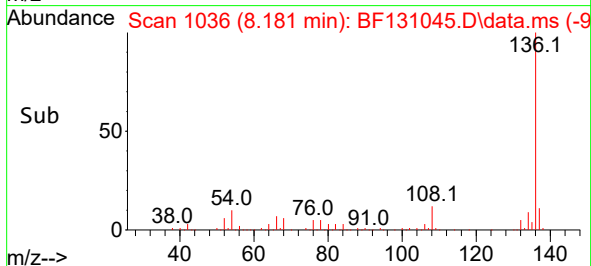
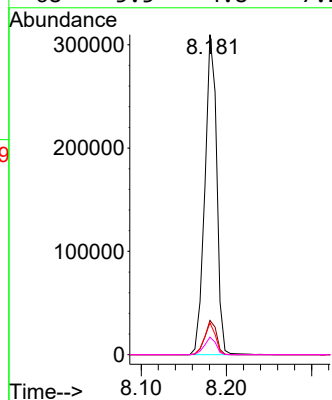
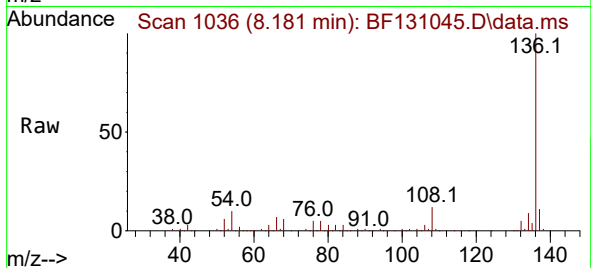
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.0 8.2 12.2

68 5.5 4.8 7.2



#23

Nitrobenzene-d5

Concen: 74.789 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131045.D

Acq: 07 Nov 2022 15:46

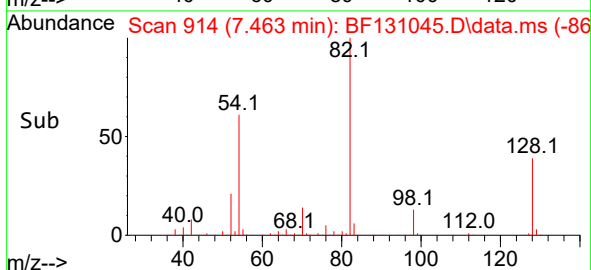
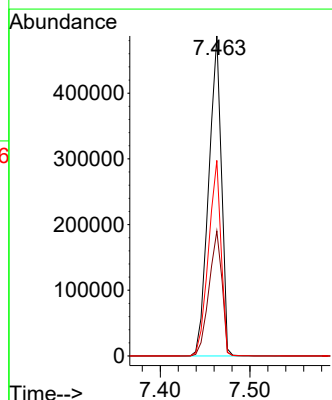
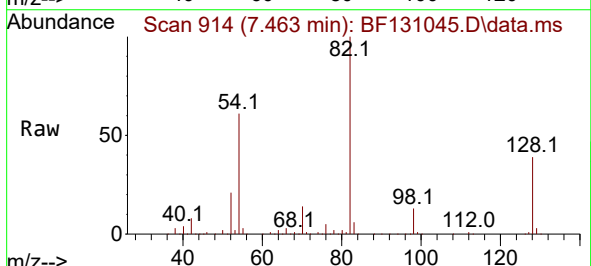
Tgt Ion: 82 Resp: 481137

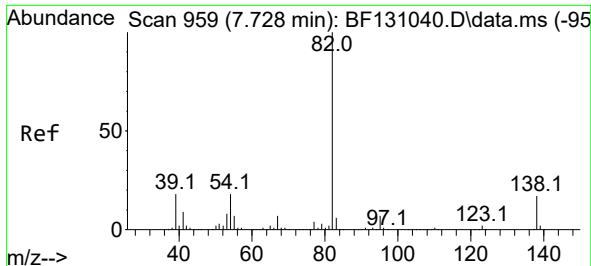
Ion Ratio Lower Upper

82 100

128 39.0 31.3 46.9

54 61.1 47.2 70.8

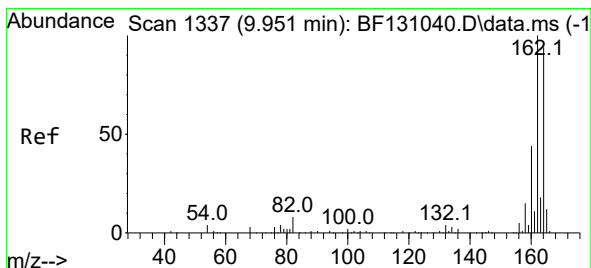
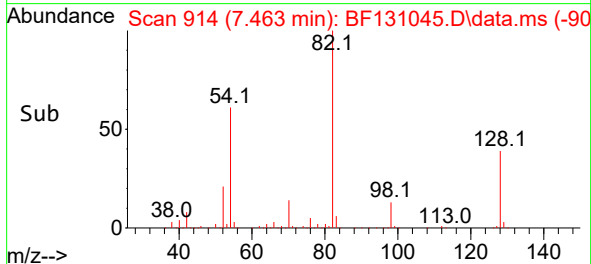
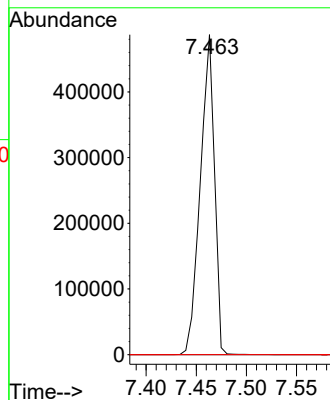
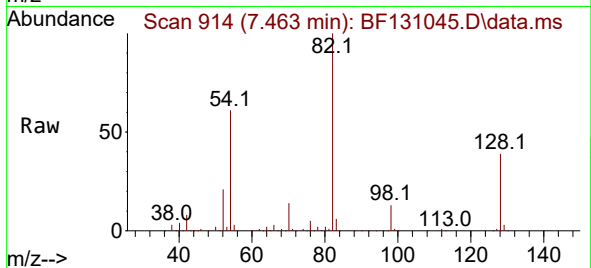




#25
Isophorone
Concen: 43.624 ng
RT: 7.463 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

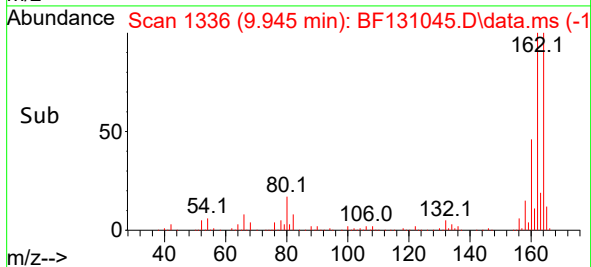
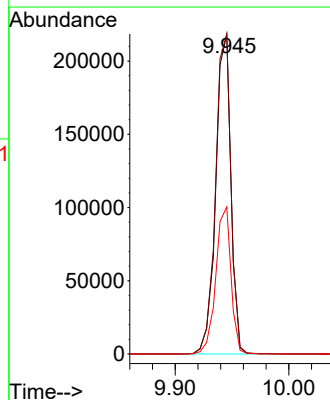
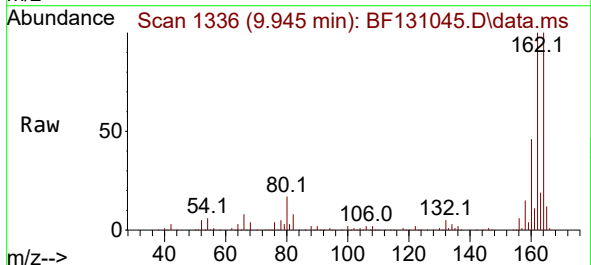
Instrument :
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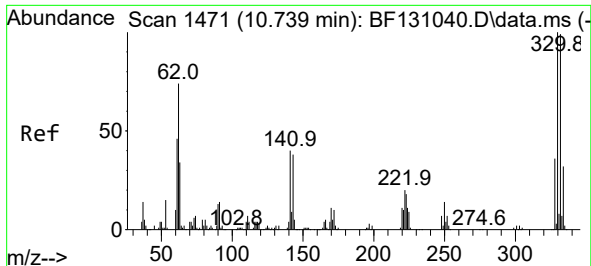
Tgt Ion: 82 Resp: 481037
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

Tgt Ion: 164 Resp: 201704
Ion Ratio Lower Upper
164 100
162 100.2 85.0 127.6
160 46.1 37.0 55.6

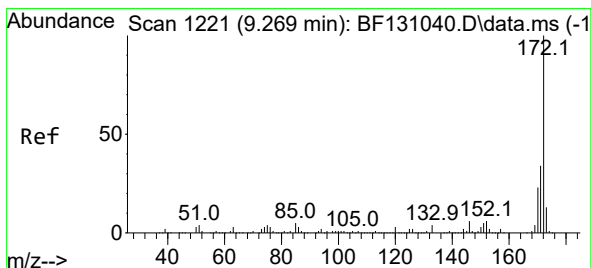
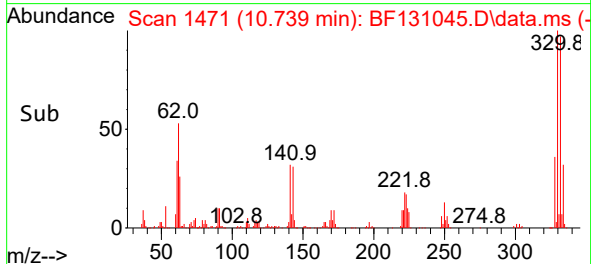
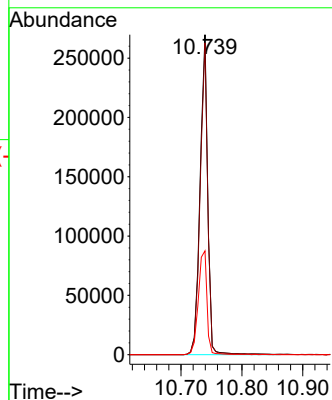
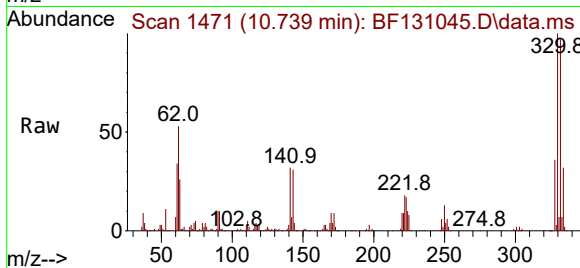




#42
2,4,6-Tribromophenol
Concen: 105.893 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

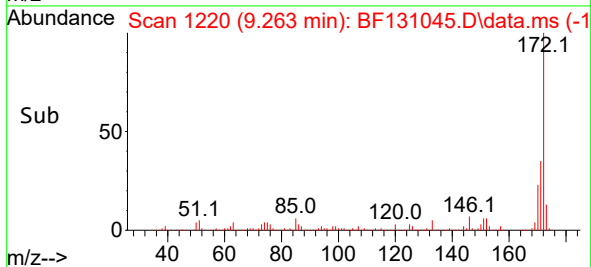
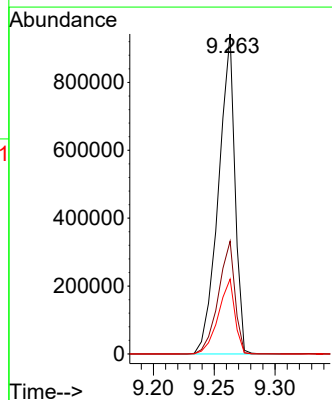
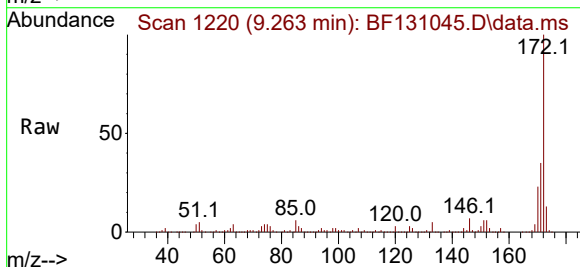
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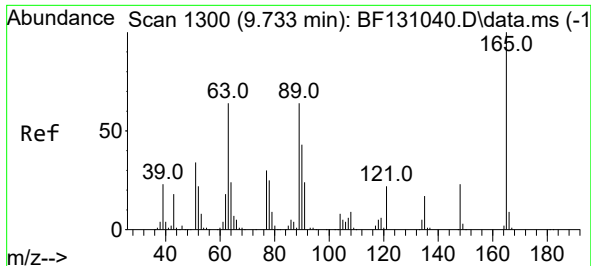
Tgt Ion:330 Resp: 235157
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 36.7 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 60.094 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

Tgt Ion:172 Resp: 889415
Ion Ratio Lower Upper
172 100
171 35.3 27.7 41.5
170 23.4 18.4 27.6

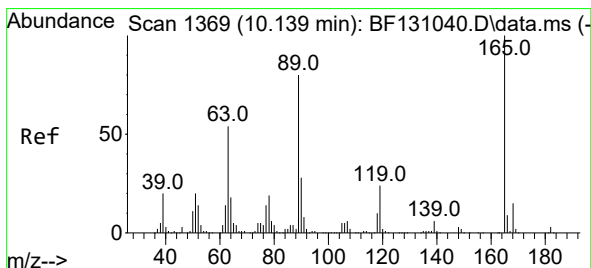
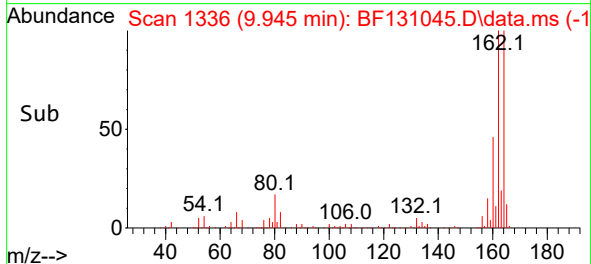
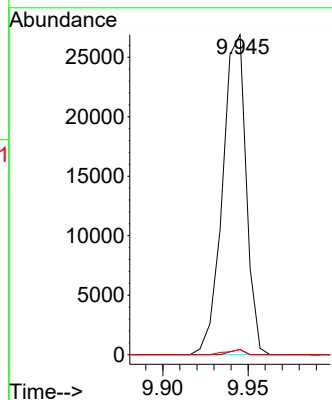
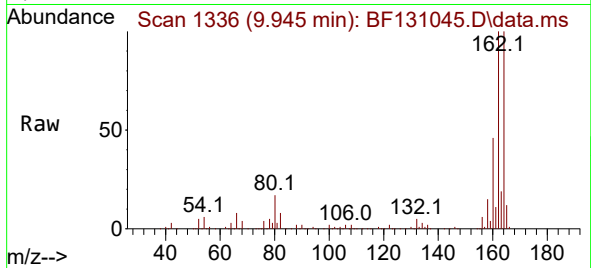




#51
2,6-Dinitrotoluene
Concen: 7.817 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

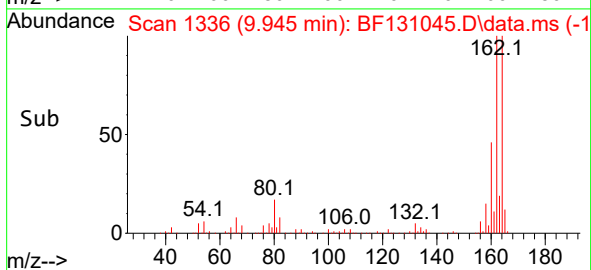
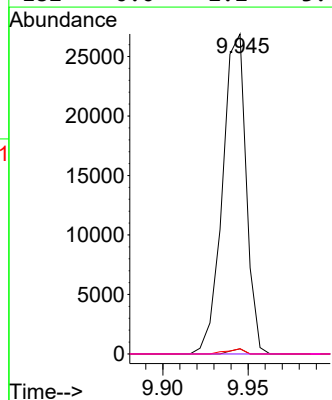
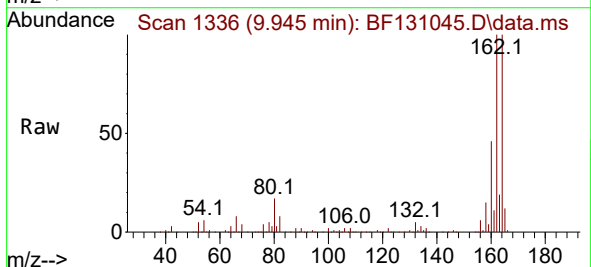
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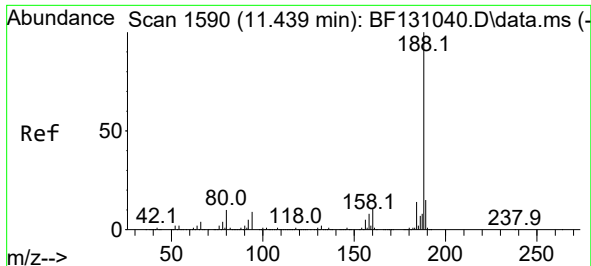
Tgt Ion:165 Resp: 25922
Ion Ratio Lower Upper
165 100
63 1.6 57.2 85.8#
89 1.6 51.4 77.2#



#57
2,4-Dinitrotoluene
Concen: 6.017 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.194 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

Tgt Ion:165 Resp: 25922
Ion Ratio Lower Upper
165 100
63 1.6 43.4 65.0#
89 1.6 64.0 96.0#
182 0.0 2.2 3.4#

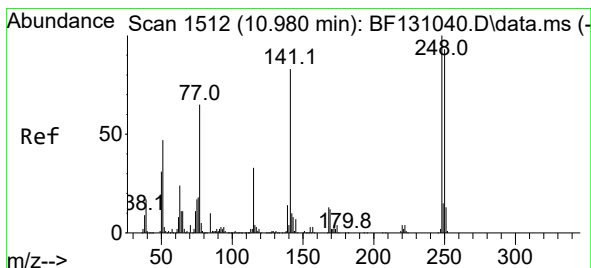
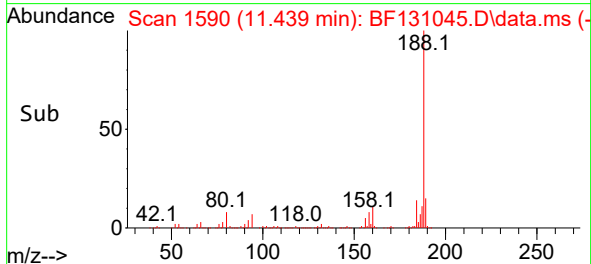
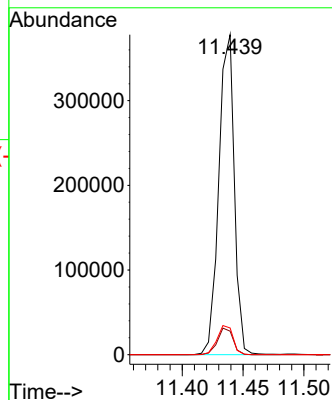
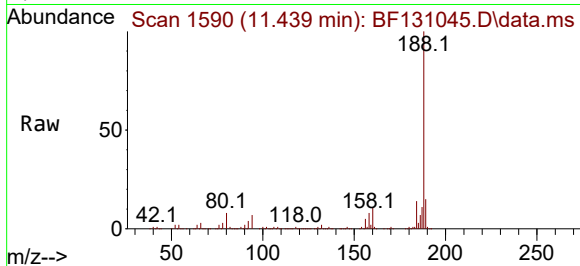




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

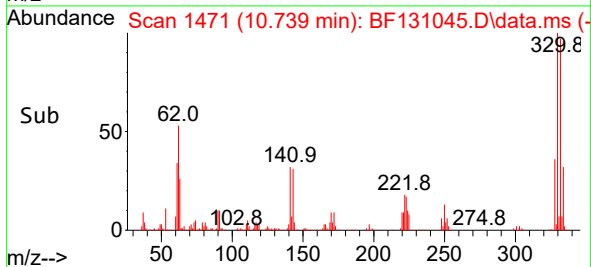
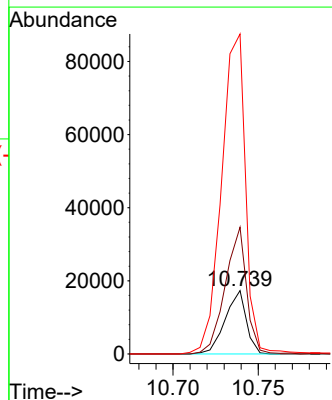
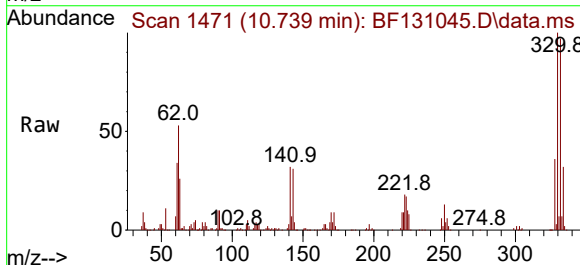
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BNA_F
ClientSampleId :
PB148810BL

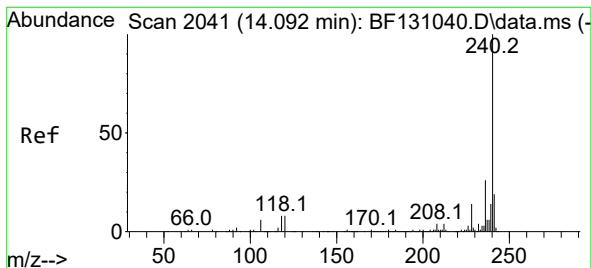
Tgt Ion:188 Resp: 335334
Ion Ratio Lower Upper
188 100
94 7.4 7.0 10.6
80 8.4 8.1 12.1



#67
4-Bromophenyl-phenylether
Concen: 3.541 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.241 min
Lab File: BF131045.D
Acq: 07 Nov 2022 15:46

Tgt Ion:248 Resp: 14921
Ion Ratio Lower Upper
248 100
250 200.1 74.6 112.0#
141 505.3 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: BF131045.D

Acq: 07 Nov 2022 15:46

Instrument :

BNA_F

ClientSampleId :

PB148810BL

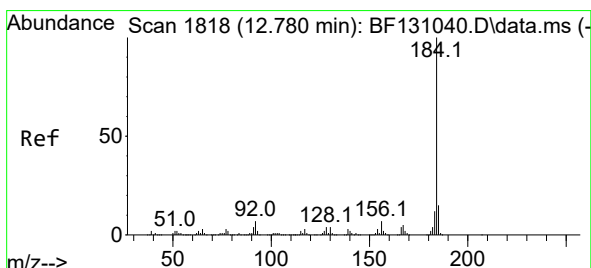
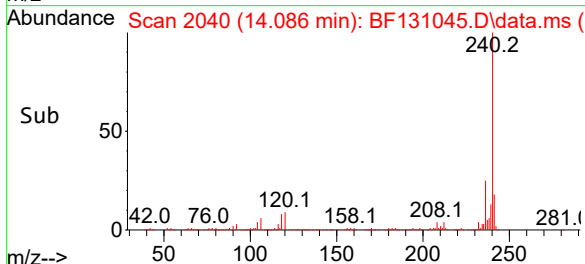
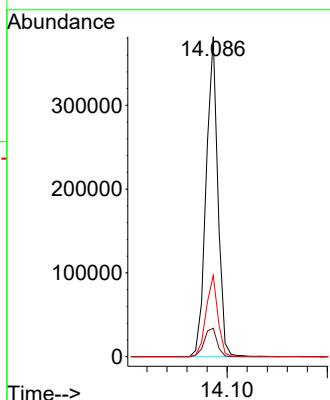
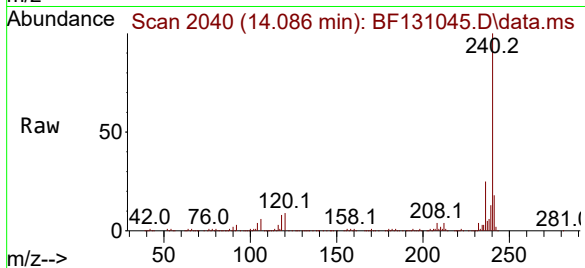
Tgt Ion:240 Resp: 311549

Ion Ratio Lower Upper

240 100

120 8.9 6.7 10.1

236 25.4 20.8 31.2



#77

Benzidine

Concen: 2.402 ng

RT: 13.027 min Scan# 1860

Delta R.T. 0.247 min

Lab File: BF131045.D

Acq: 07 Nov 2022 15:46

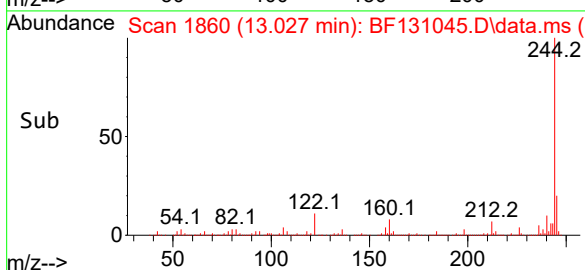
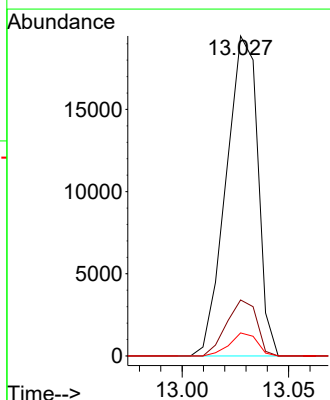
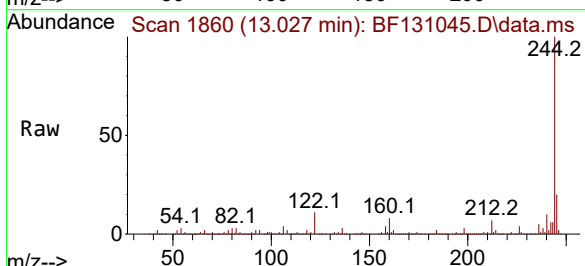
Tgt Ion:184 Resp: 20188

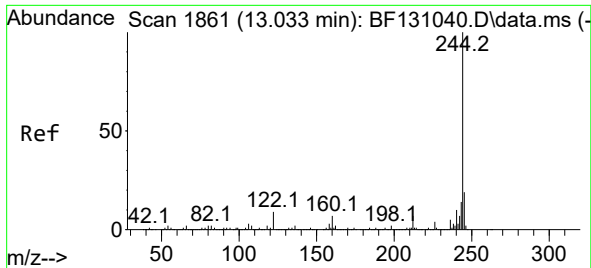
Ion Ratio Lower Upper

184 100

185 17.5 11.7 17.5

183 7.2 10.0 15.0#

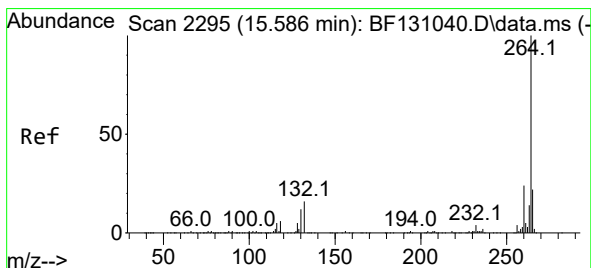
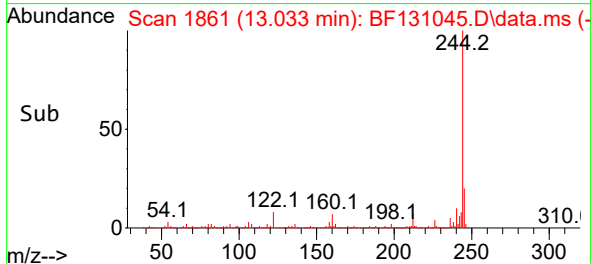
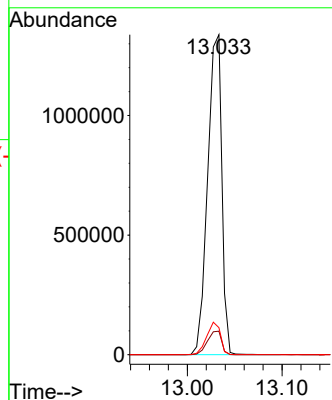
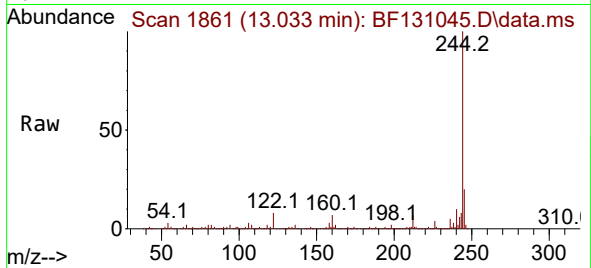




#79
 Terphenyl-d14
 Concen: 71.403 ng
 RT: 13.033 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131045.D
 Acq: 07 Nov 2022 15:46

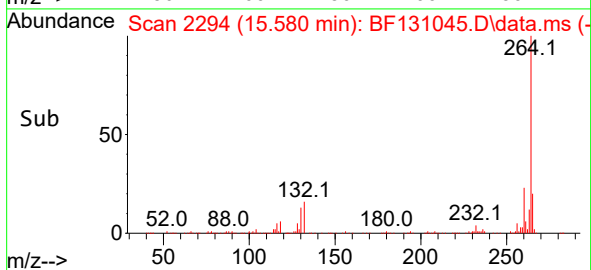
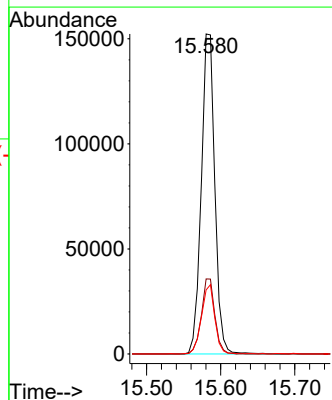
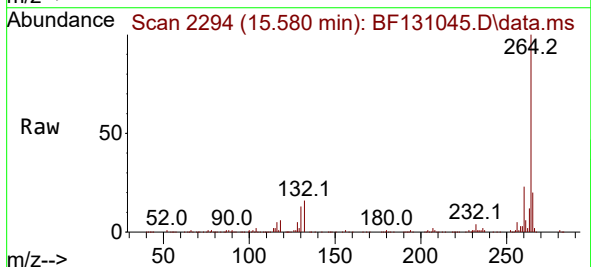
Instrument :
 BNA_F
 ClientSampleId :
 PB148810BL

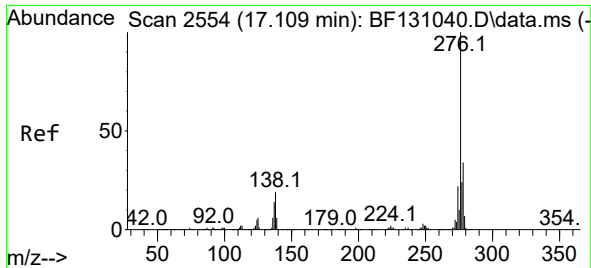
Tgt Ion:244 Resp: 1387528
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.006 min
 Lab File: BF131045.D
 Acq: 07 Nov 2022 15:46

Tgt Ion:264 Resp: 193315
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 20.0 17.3 25.9

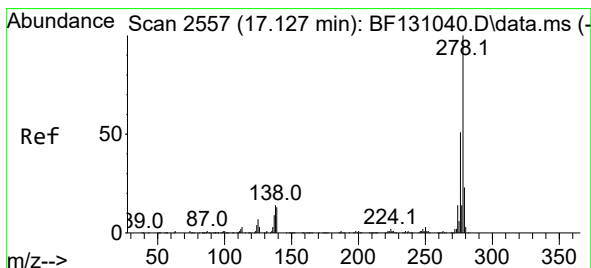
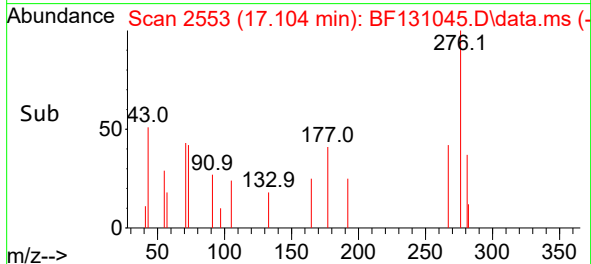
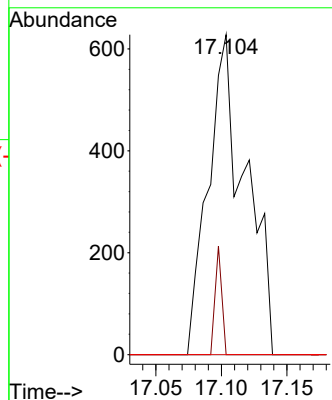
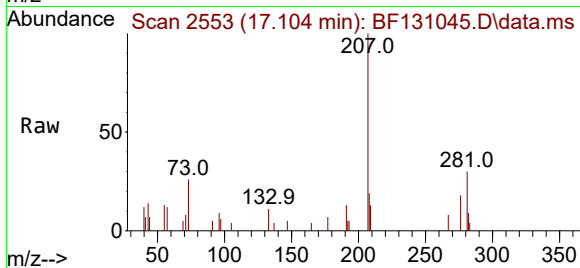




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.393 ng
 RT: 17.104 min Scan# 2553
 Delta R.T. -0.005 min
 Lab File: BF131045.D
 Acq: 07 Nov 2022 15:46

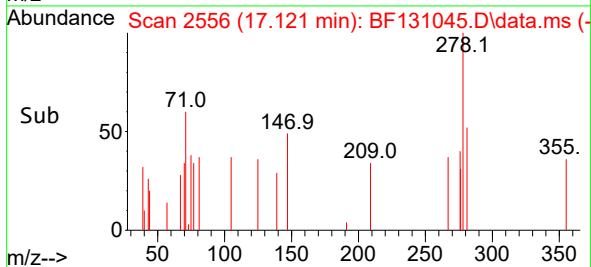
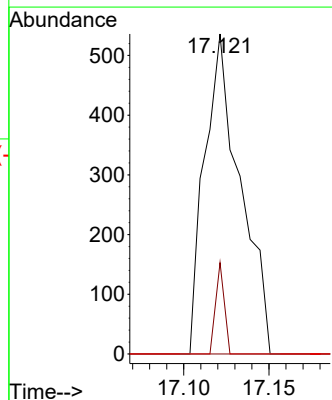
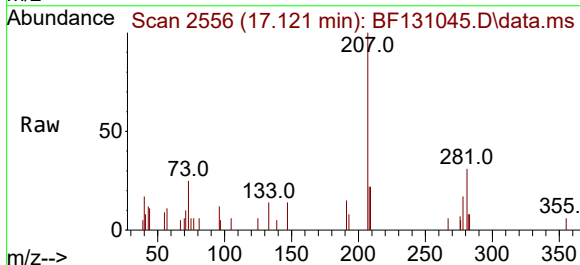
Instrument :
 BNA_F
 ClientSampleId :
 PB148810BL

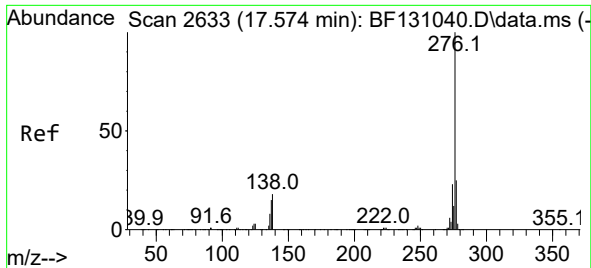
Tgt Ion:276 Resp: 1245
 Ion Ratio Lower Upper
 276 100
 138 6.0 17.3 25.9#
 277 0.0 20.2 30.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.361 ng
 RT: 17.121 min Scan# 2556
 Delta R.T. -0.006 min
 Lab File: BF131045.D
 Acq: 07 Nov 2022 15:46

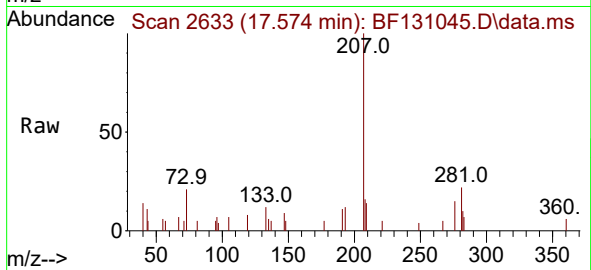
Tgt Ion:278 Resp: 781
 Ion Ratio Lower Upper
 278 100
 139 28.5 10.8 16.2#
 279 0.0 18.7 28.1#





#92
 Benzo(g,h,i)perylene
 Concen: 3.456 ng
 RT: 17.574 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF131045.D
 Acq: 07 Nov 2022 15:46

Instrument :
 BNA_F
 ClientSampleId :
 PB148810BL



Tgt Ion	Ratio	Lower	Upper
276	100		
277	0.0	20.0	30.0#
138	0.0	14.8	22.2#

