

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131074.D
 Acq On : 08 Nov 2022 19:01
 Operator : CG\JU
 Sample : N5415-14RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-27RE

Quant Time: Nov 09 04:07:59 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)

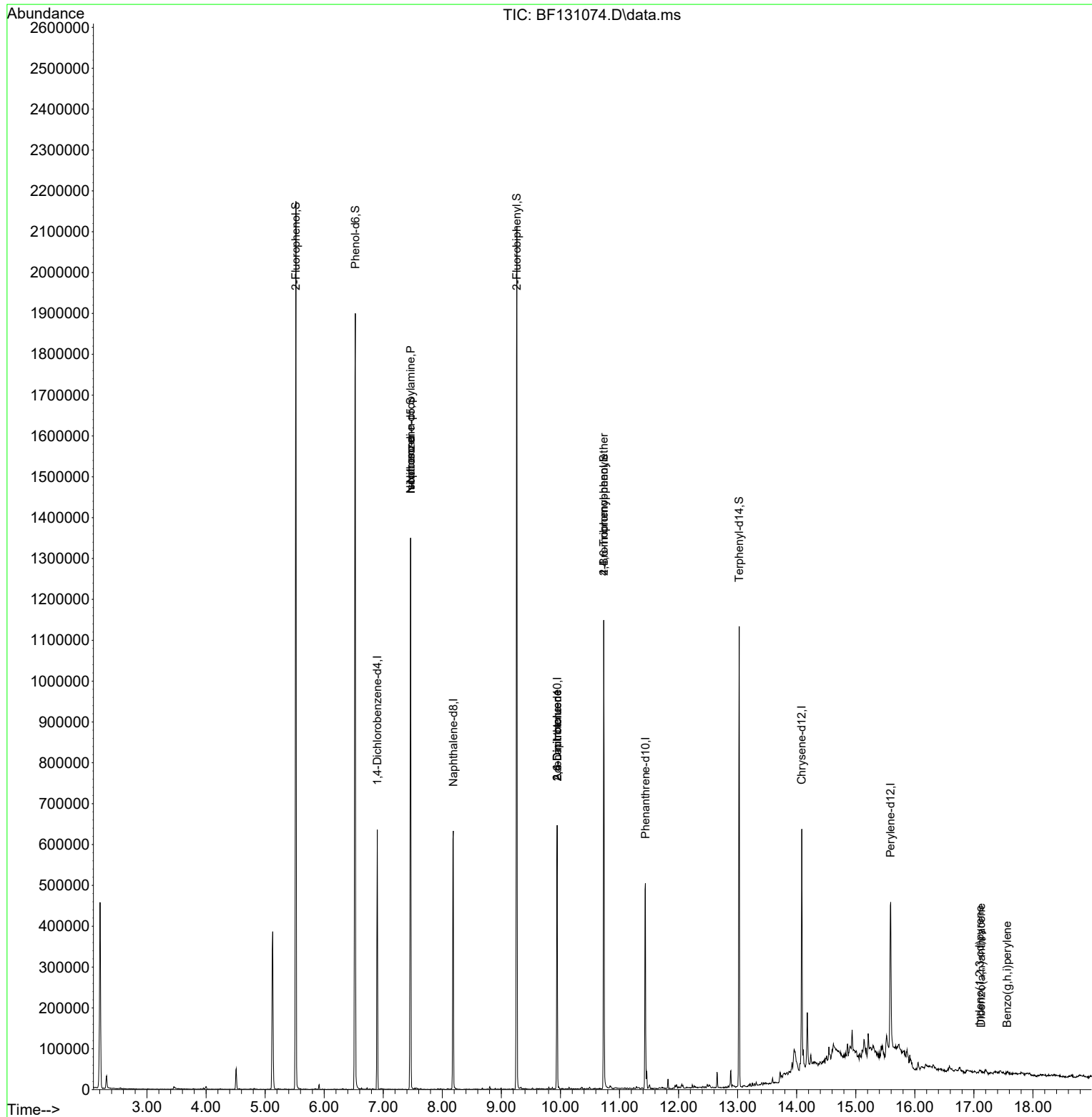
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	77166	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	280530	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	128928	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	187360	20.000	ng	0.00
76) Chrysene-d12	14.086	240	179919	20.000	ng	0.00
86) Perylene-d12	15.592	264	171089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	508689	106.298	ng	0.00
7) Phenol-d6	6.528	99	621648	106.429	ng	0.00
23) Nitrobenzene-d5	7.463	82	406394	67.150	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	118013	83.139	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	631426	66.744	ng	0.00
79) Terphenyl-d14	13.027	244	338512	30.165	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	57240	13.751	ng	# 75
25) Isophorone	7.463	82	404006	38.946	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	15662	7.389	ng	# 18
55) Dibenzofuran	10.151	168	805	Below Cal		# 74
57) 2,4-Dinitrotoluene	9.945	165	15662	5.687	ng	# 19
67) 4-Bromophenyl-phenylether	10.733	248	7590	3.224	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.098	276	4804	3.633	ng	# 87
91) Dibenzo(a,h)anthracene	17.121	278	761	3.367	ng	# 61
92) Benzo(g,h,i)perylene	17.562	276	4085	3.708	ng	# 91

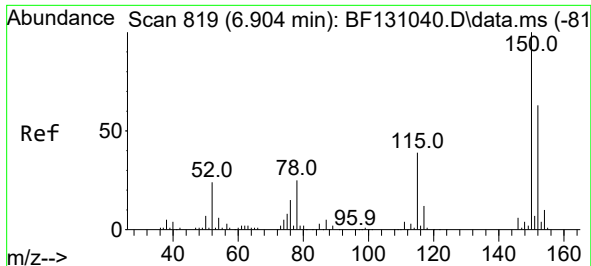
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
Data File : BF131074.D
Acq On : 08 Nov 2022 19:01
Operator : CG\JU
Sample : N5415-14RE
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R-27RE

Quant Time: Nov 09 04:07:59 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

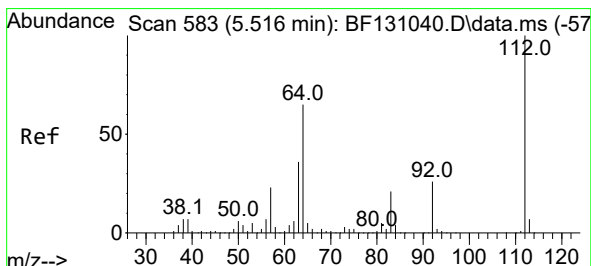
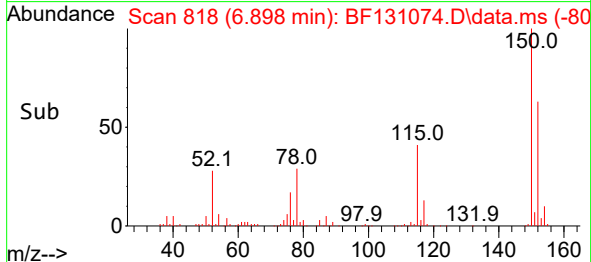
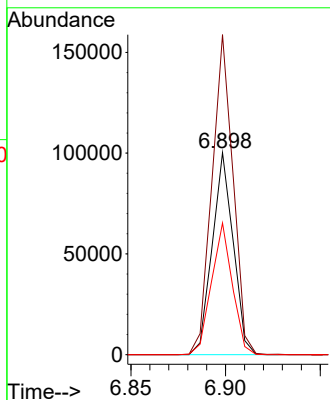
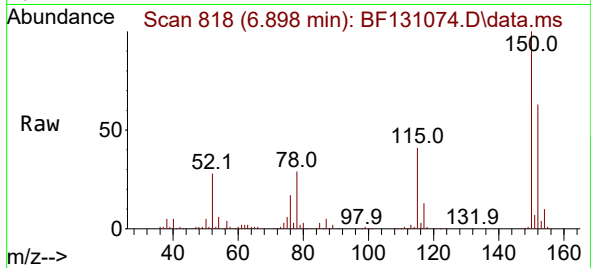




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

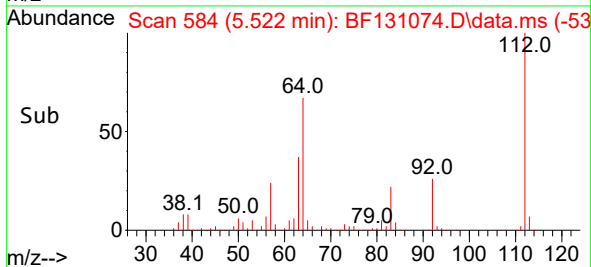
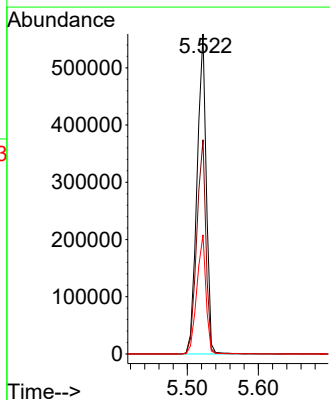
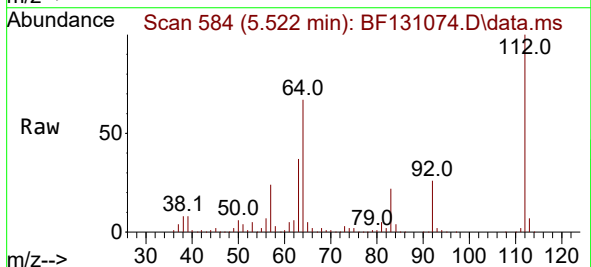
Instrument :
BNA_F
ClientSampleId :
R-27RE

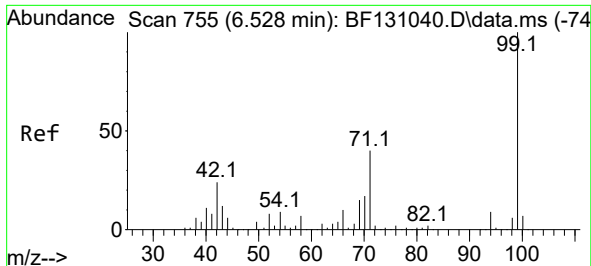
Tgt Ion:152 Resp: 77166
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 65.2 49.1 73.7



#5
2-Fluorophenol
Concen: 106.298 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.006 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

Tgt Ion:112 Resp: 508689
Ion Ratio Lower Upper
112 100
64 66.9 52.2 78.4
63 37.2 29.0 43.4

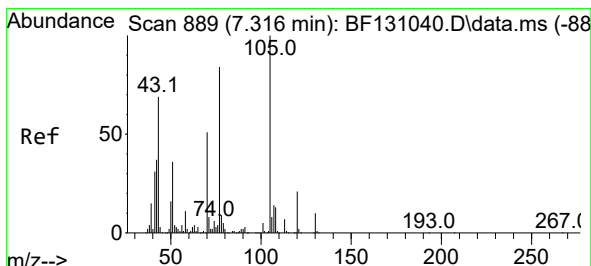
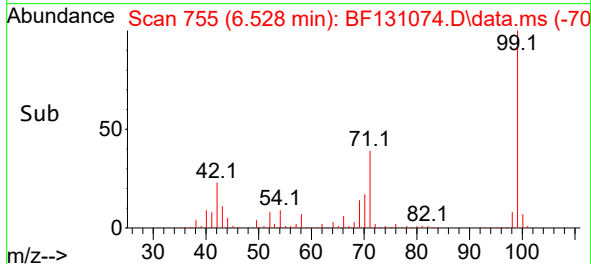
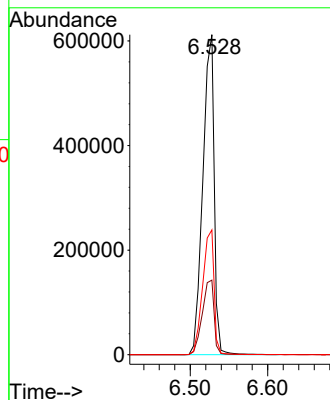
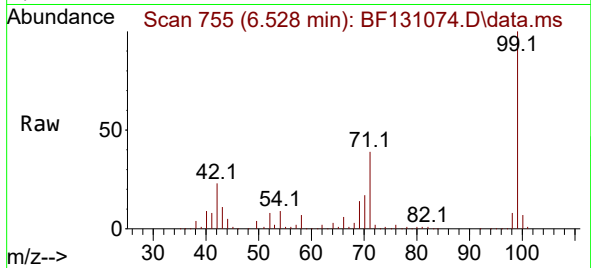




#7
Phenol-d6
Concen: 106.429 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

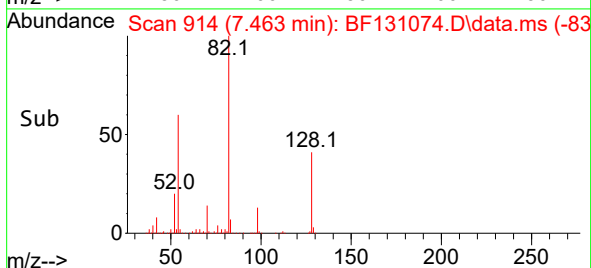
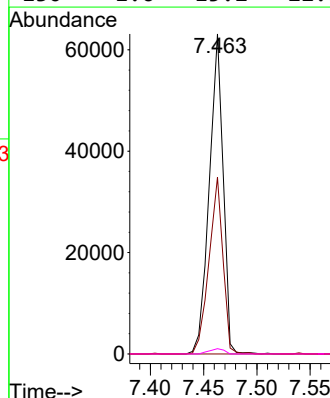
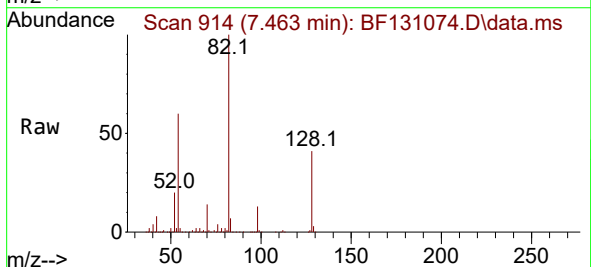
Instrument :
BNA_F
ClientSampleId :
R-27RE

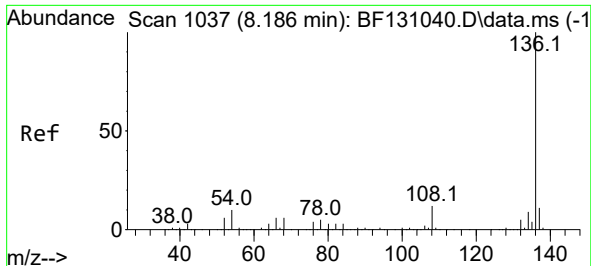
Tgt Ion: 99 Resp: 621648
Ion Ratio Lower Upper
99 100
42 23.3 19.4 29.0
71 39.0 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.751 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

Tgt Ion: 70 Resp: 57240
Ion Ratio Lower Upper
70 100
42 55.2 59.0 88.4#
101 0.0 8.0 12.0#
130 1.6 15.2 22.8#



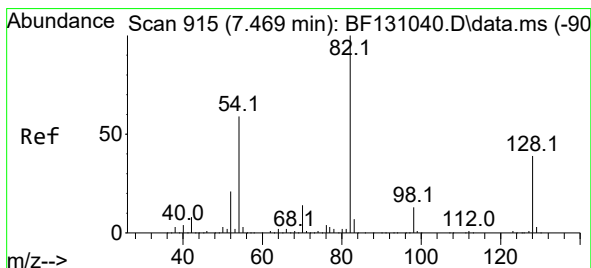
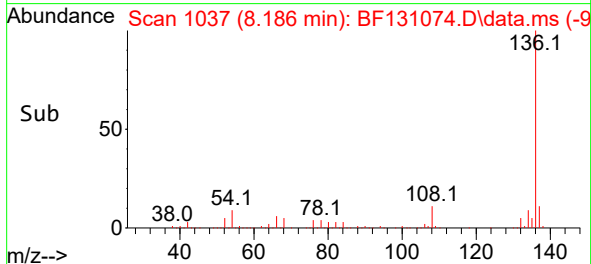
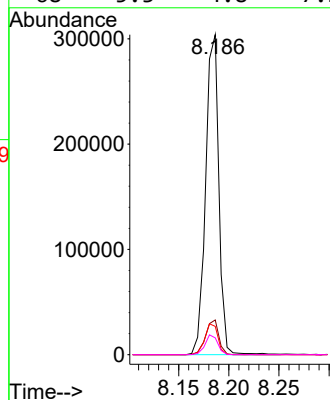
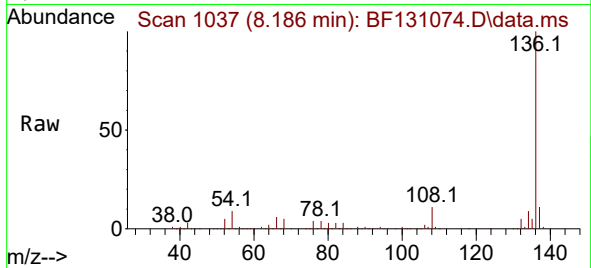


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

Instrument :
BNA_F
ClientSampleId :
R-27RE

Tgt Ion:136 Resp: 280530

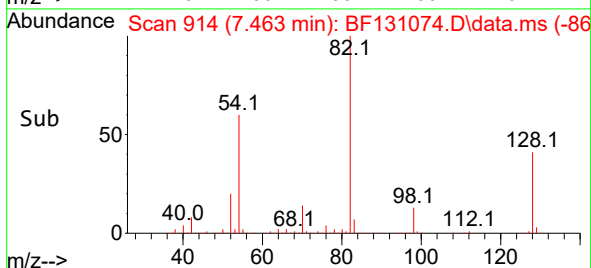
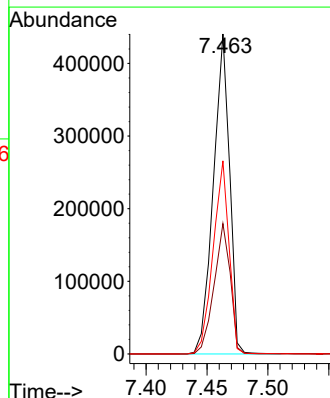
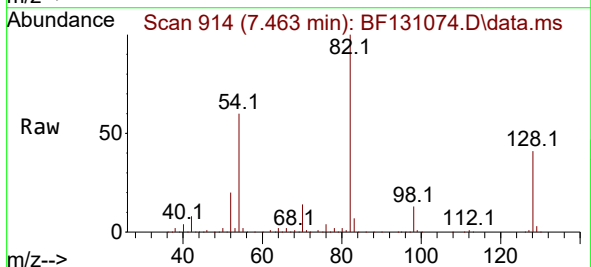
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.9	8.2	12.2
68	5.3	4.8	7.2

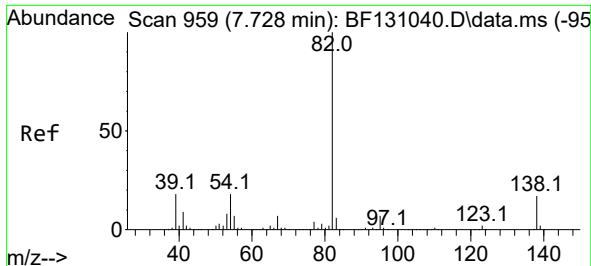


#23
Nitrobenzene-d5
Concen: 67.150 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

Tgt Ion: 82 Resp: 406394

Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.3	46.9
54	60.3	47.2	70.8

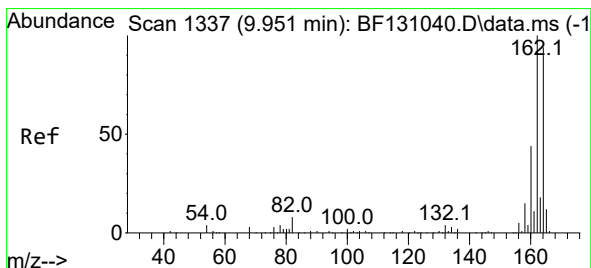
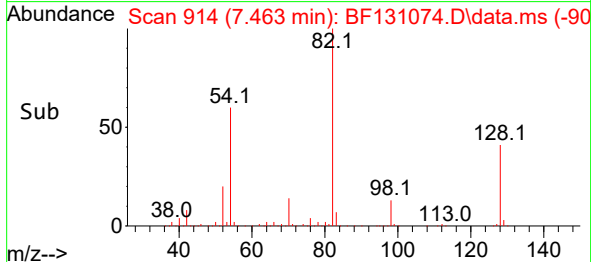
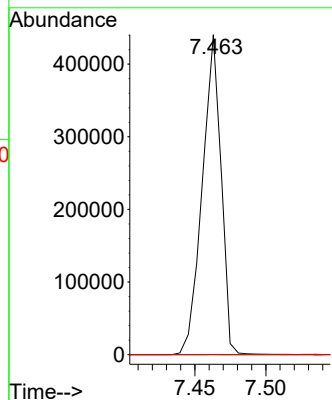
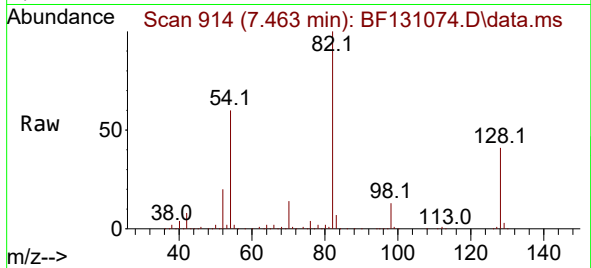




#25
Isophorone
Concen: 38.946 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

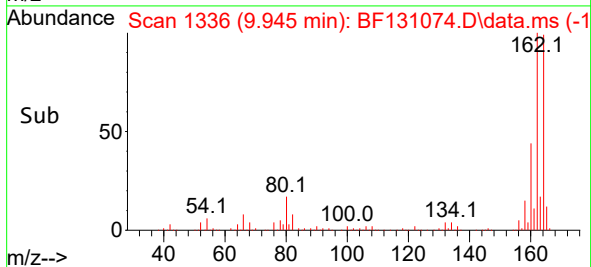
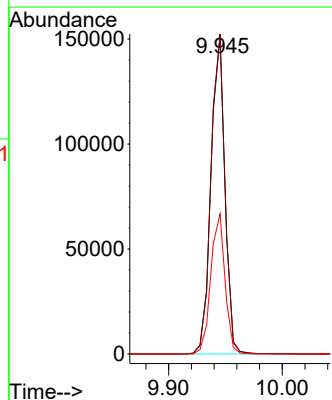
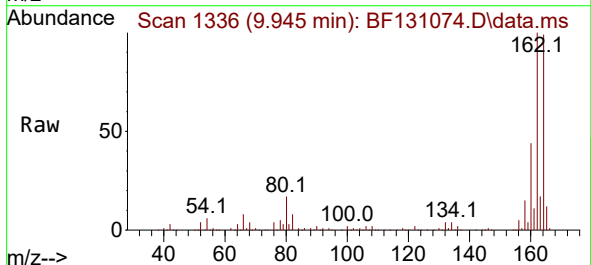
Instrument :
BNA_F
ClientSampleId :
R-27RE

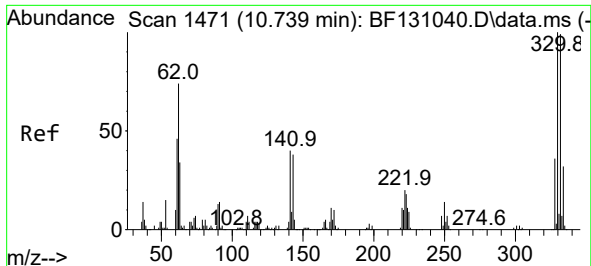
Tgt Ion: 82 Resp: 404006
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

Tgt Ion:164 Resp: 128928
Ion Ratio Lower Upper
164 100
162 100.8 85.0 127.6
160 44.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 83.139 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131074.D

Acq: 08 Nov 2022 19:01

Instrument :

BNA_F

ClientSampleId :

R-27RE

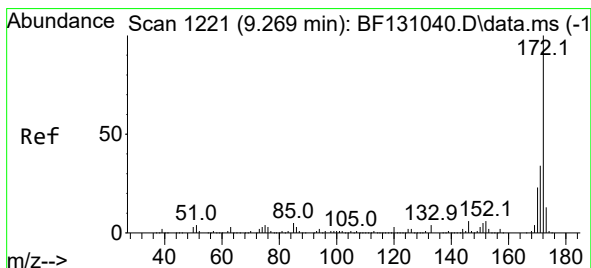
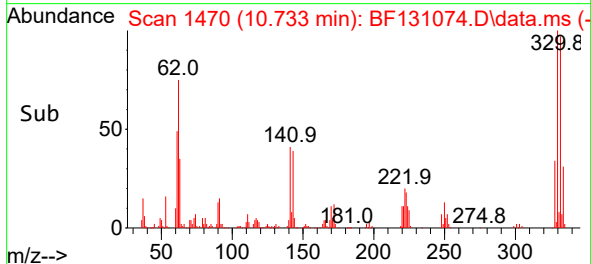
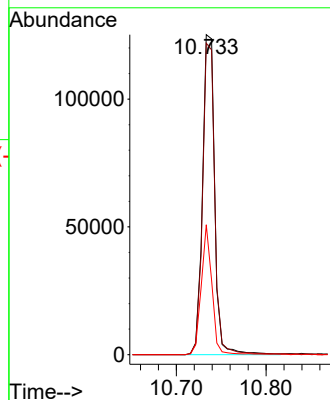
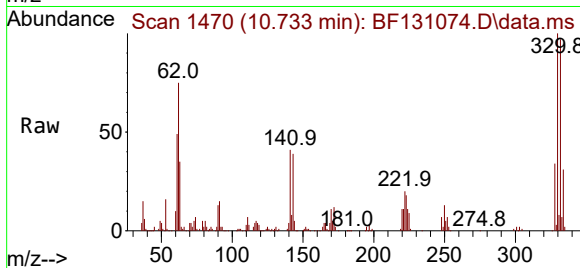
Tgt Ion:330 Resp: 118013

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.4

141 35.6 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 66.744 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131074.D

Acq: 08 Nov 2022 19:01

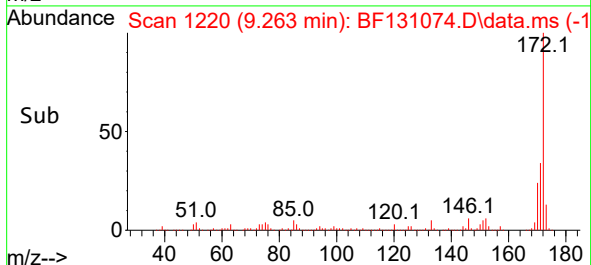
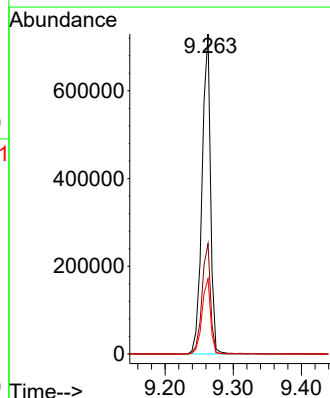
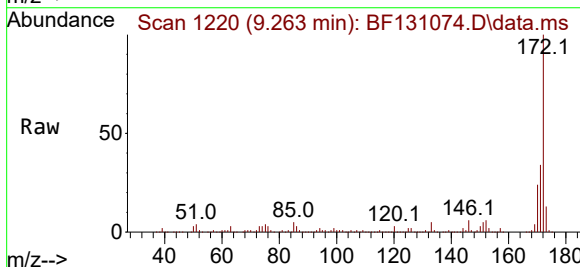
Tgt Ion:172 Resp: 631426

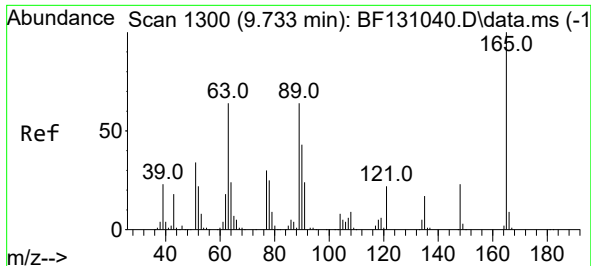
Ion Ratio Lower Upper

172 100

171 34.5 27.7 41.5

170 23.5 18.4 27.6

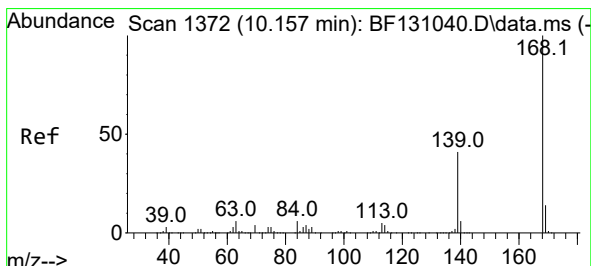
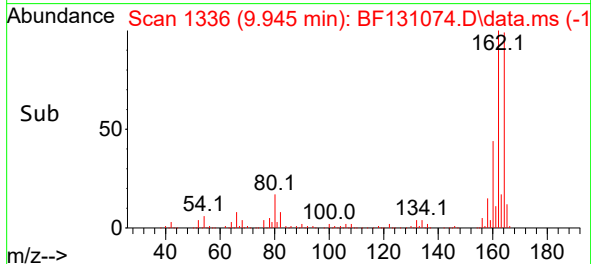
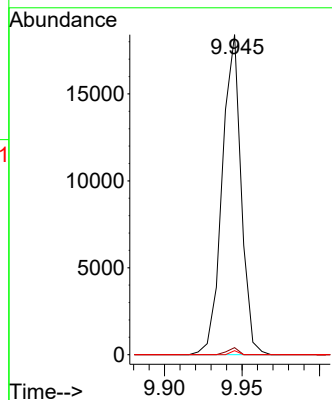
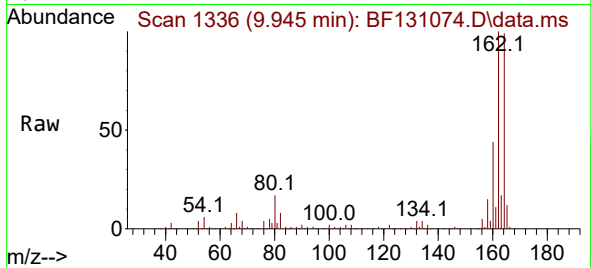




#51
2,6-Dinitrotoluene
Concen: 7.389 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

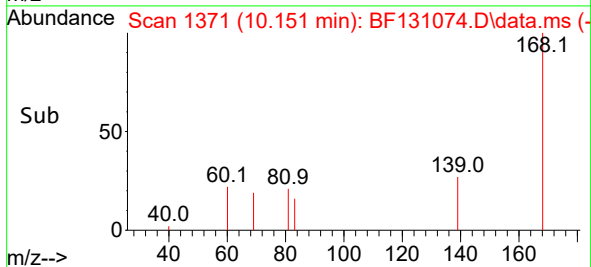
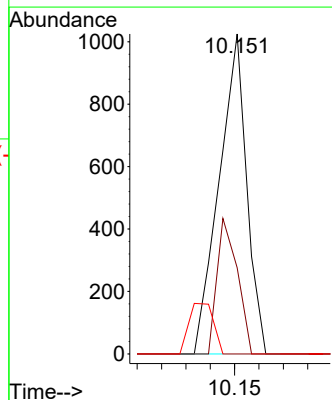
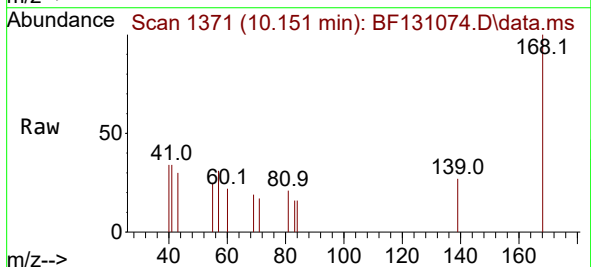
Instrument :
BNA_F
ClientSampleId :
R-27RE

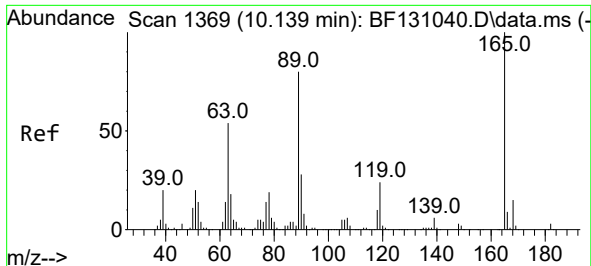
Tgt Ion:165 Resp: 15662
Ion Ratio Lower Upper
165 100
63 2.2 57.2 85.8#
89 1.3 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

Tgt Ion:168 Resp: 805
Ion Ratio Lower Upper
168 100
139 26.9 33.0 49.6#
169 0.0 11.3 16.9#

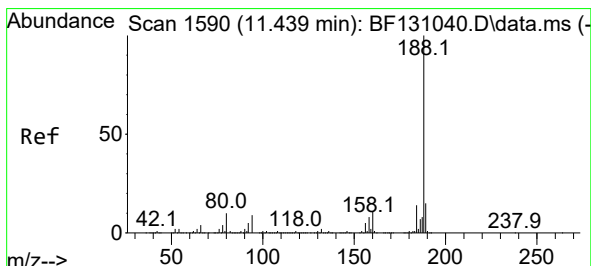
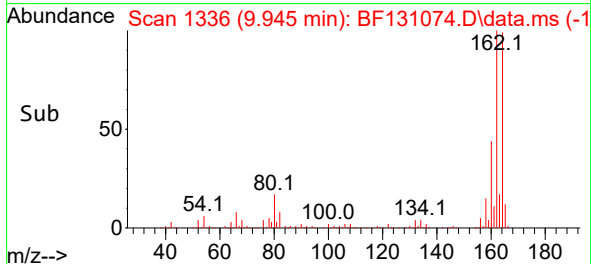
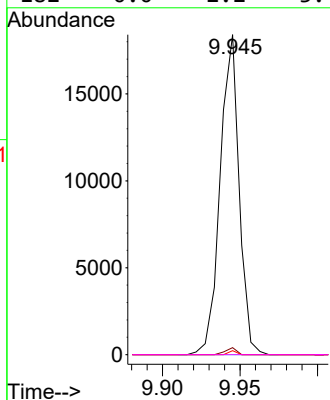
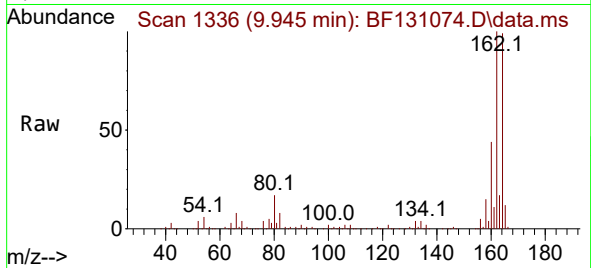




#57
2,4-Dinitrotoluene
Concen: 5.687 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

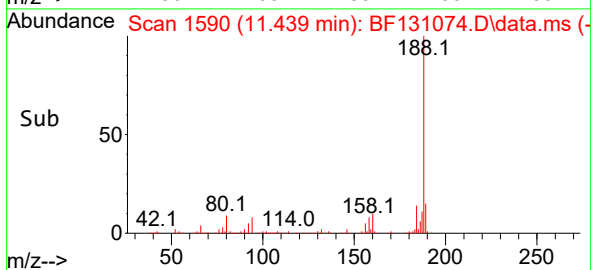
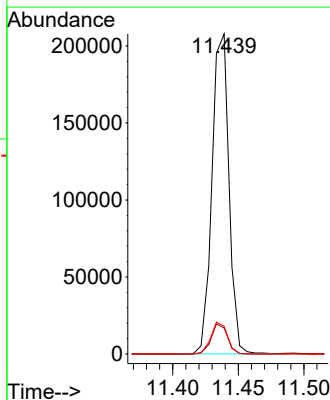
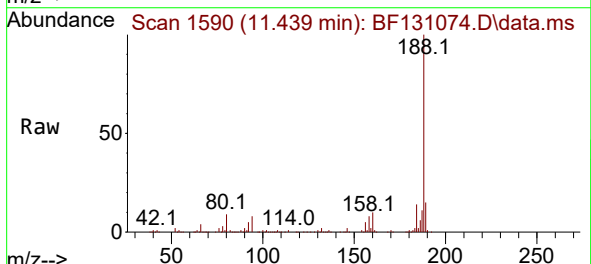
Instrument :
BNA_F
ClientSampleId :
R-27RE

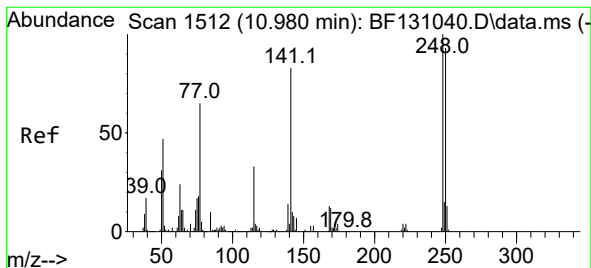
Tgt Ion:165 Resp: 15662
Ion Ratio Lower Upper
165 100
63 2.2 43.4 65.0#
89 1.3 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

Tgt Ion:188 Resp: 187360
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 8.6 8.1 12.1

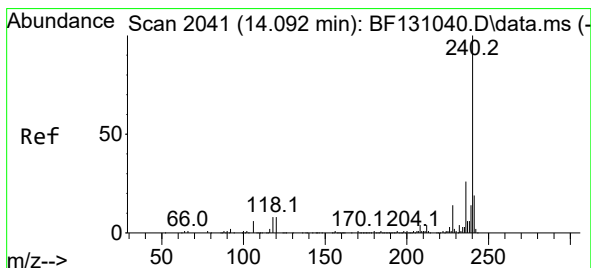
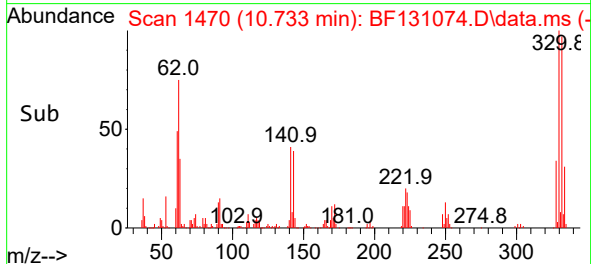
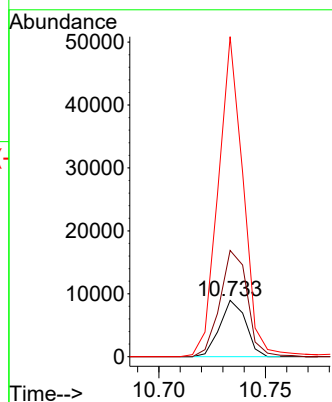
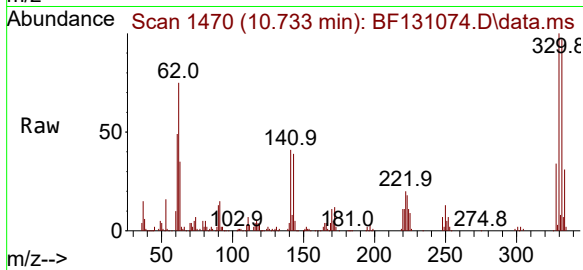




#67
4-Bromophenyl-phenylether
Concen: 3.224 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

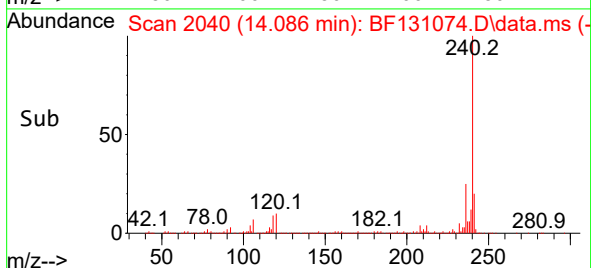
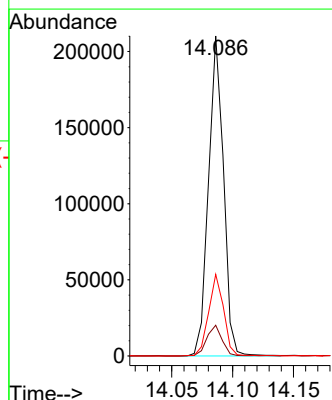
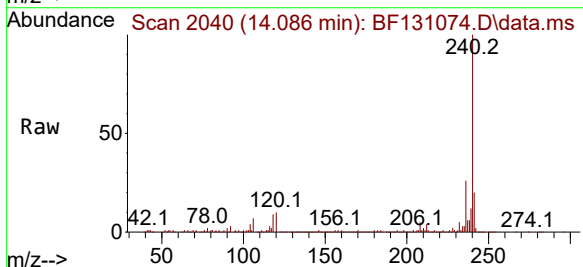
Instrument :
BNA_F
ClientSampleId :
R-27RE

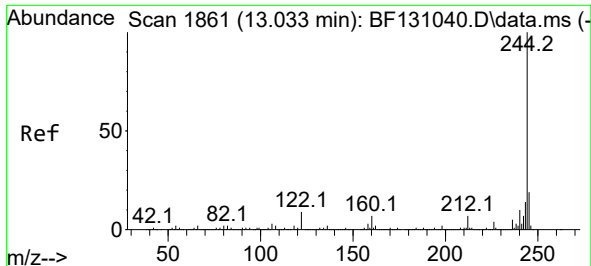
Tgt Ion:248 Resp: 7590
Ion Ratio Lower Upper
248 100
250 188.8 74.6 112.0#
141 568.8 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

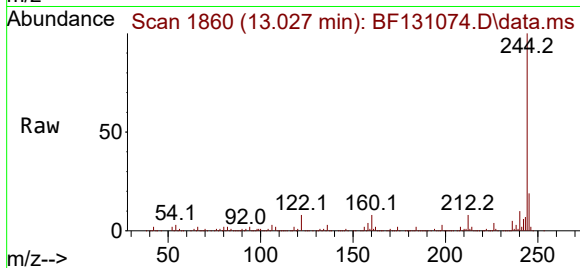
Tgt Ion:240 Resp: 179919
Ion Ratio Lower Upper
240 100
120 9.6 6.7 10.1
236 25.5 20.8 31.2



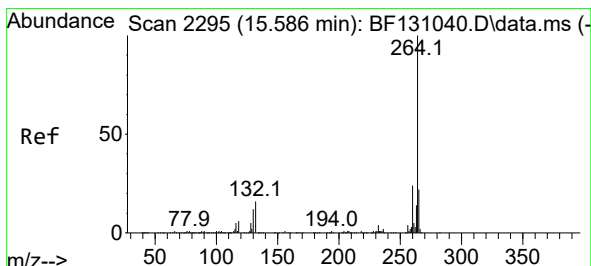
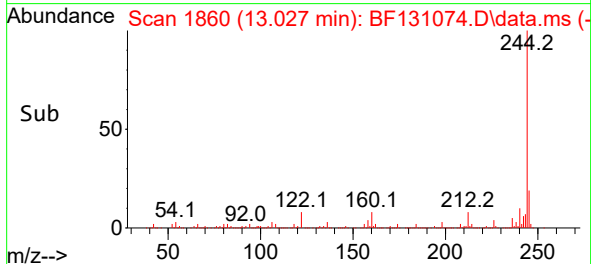
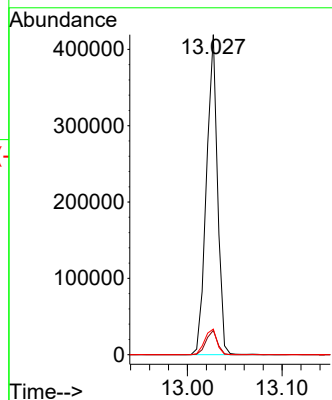


#79
 Terphenyl-d14
 Concen: 30.165 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131074.D
 Acq: 08 Nov 2022 19:01

Instrument :
 BNA_F
 ClientSampleId :
 R-27RE

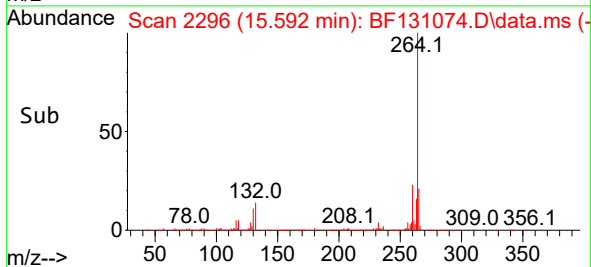
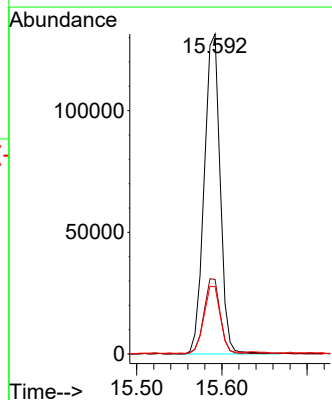
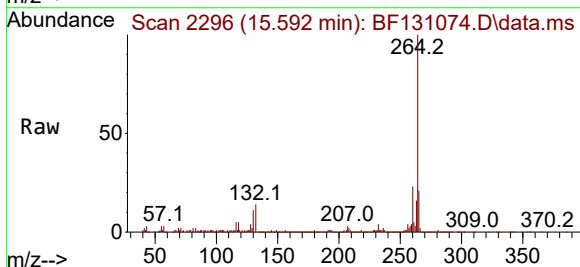


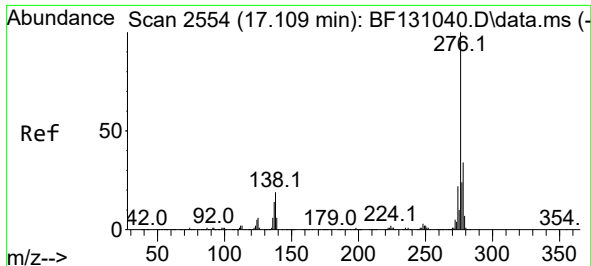
Tgt Ion:244 Resp: 338512
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 8.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 2296
 Delta R.T. 0.006 min
 Lab File: BF131074.D
 Acq: 08 Nov 2022 19:01

Tgt Ion:264 Resp: 171089
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.0 17.3 25.9

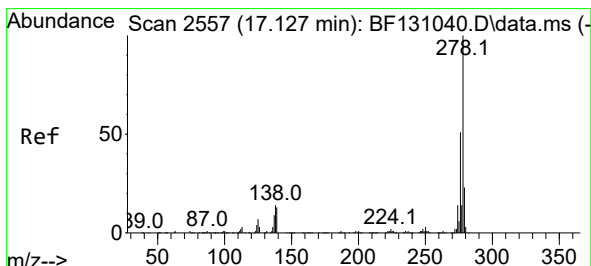
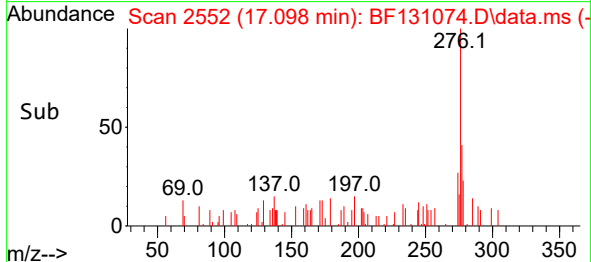
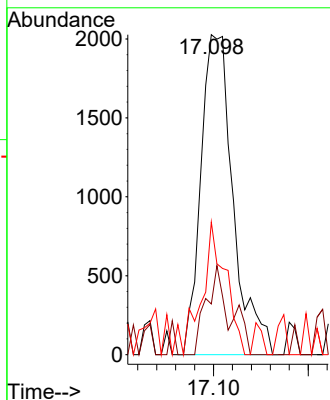
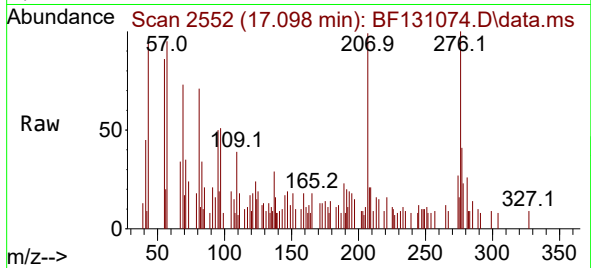




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.633 ng
RT: 17.098 min Scan# 2554
Delta R.T. -0.011 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

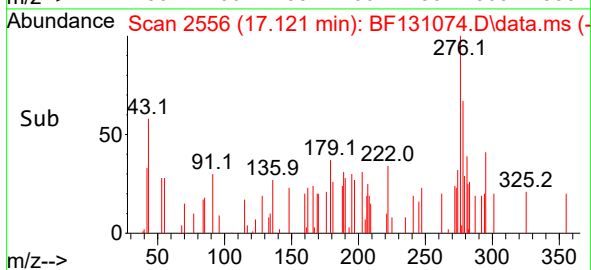
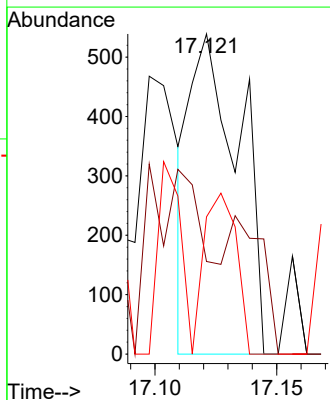
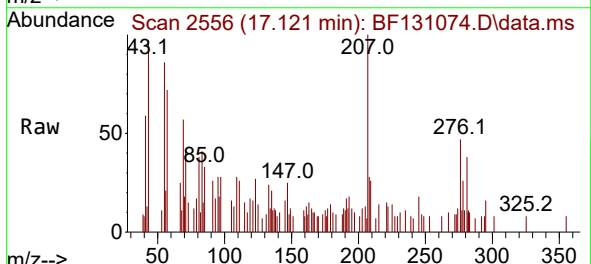
Instrument :
BNA_F
ClientSampleId :
R-27RE

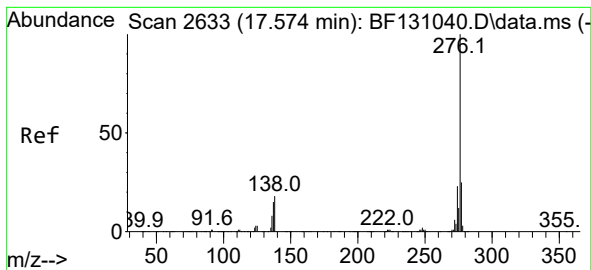
Tgt Ion:276 Resp: 4804
Ion Ratio Lower Upper
276 100
138 14.9 17.3 25.9#
277 31.5 20.2 30.4#



#91
Dibenzo(a,h)anthracene
Concen: 3.367 ng
RT: 17.121 min Scan# 2556
Delta R.T. -0.006 min
Lab File: BF131074.D
Acq: 08 Nov 2022 19:01

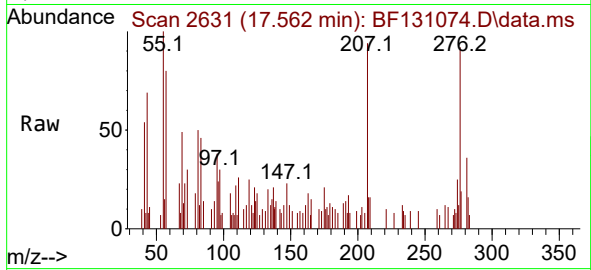
Tgt Ion:278 Resp: 761
Ion Ratio Lower Upper
278 100
139 28.9 10.8 16.2#
279 42.9 18.7 28.1#





#92
 Benzo(g,h,i)perylene
 Concen: 3.708 ng
 RT: 17.562 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF131074.D
 Acq: 08 Nov 2022 19:01

Instrument :
 BNA_F
 ClientSampleId :
 R-27RE



Tgt Ion:276 Resp: 4085
 Ion Ratio Lower Upper
 276 100
 277 21.0 20.0 30.0
 138 22.9 14.8 22.2#

