

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131073.D
 Acq On : 08 Nov 2022 18:29
 Operator : CG\JU
 Sample : N5415-13RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-26RE

Quant Time: Nov 09 04:07:45 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)

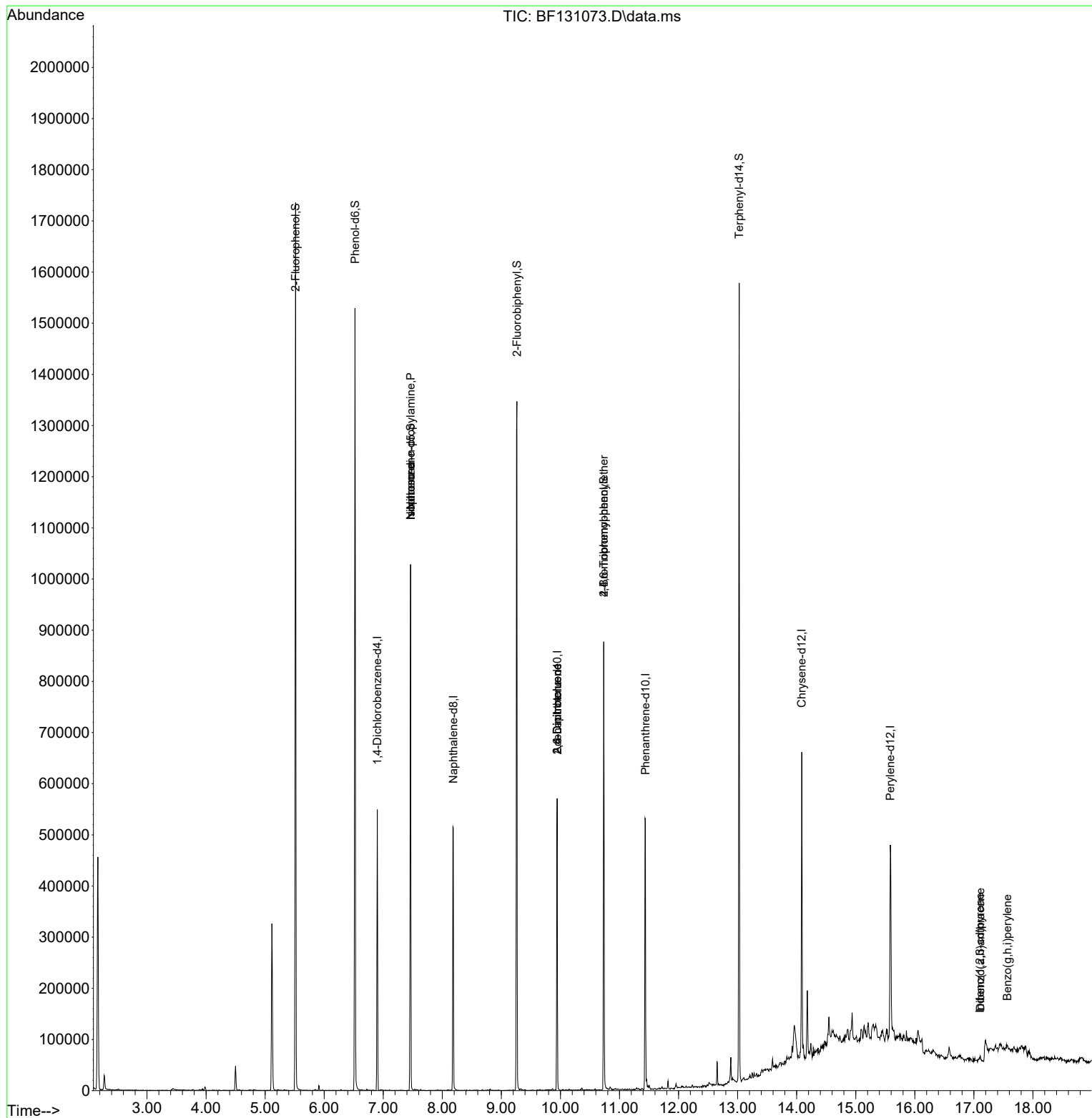
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	66554	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	229579	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	108158	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	202607	20.000	ng	0.00
76) Chrysene-d12	14.086	240	183727	20.000	ng	0.00
86) Perylene-d12	15.586	264	181492	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	389713	94.421	ng	0.00
7) Phenol-d6	6.522	99	443665	88.069	ng	0.00
23) Nitrobenzene-d5	7.463	82	280283	56.590	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	89984	75.567	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	411576	51.860	ng	0.00
79) Terphenyl-d14	13.027	244	482318	42.088	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	38728	10.787	ng	# 75
25) Isophorone	7.463	82	278794	32.840	ng	# 66
51) 2,6-Dinitrotoluene	9.945	165	13287	7.472	ng	# 17
55) Dibenzofuran	10.145	168	244	Below Cal		# 67
57) 2,4-Dinitrotoluene	9.945	165	13287	5.752	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	5582	2.193	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.103	276	5215	3.640	ng	# 83
91) Dibenzo(a,h)anthracene	17.109	278	1457	3.415	ng	# 15
92) Benzo(g,h,i)perylene	17.568	276	5152	3.768	ng	# 89

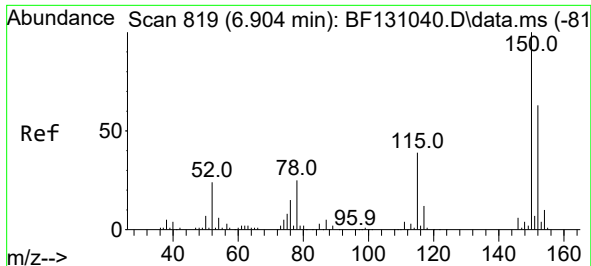
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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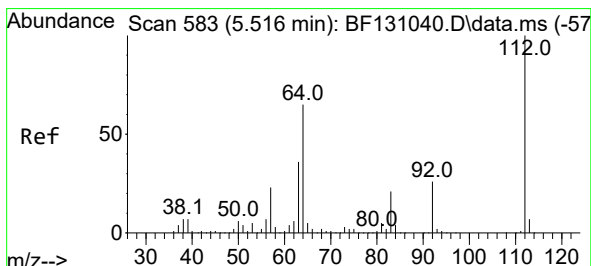
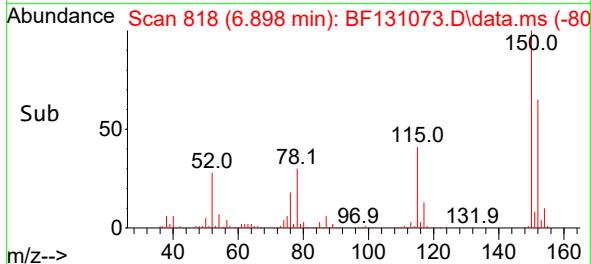
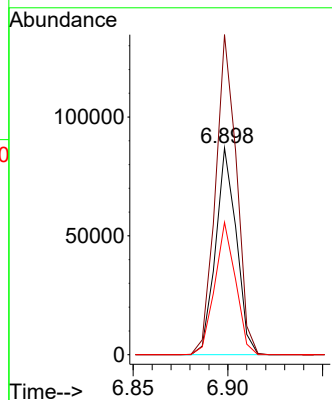
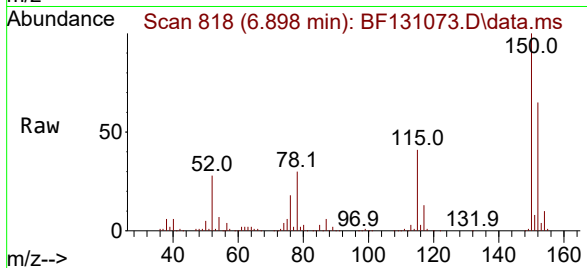




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

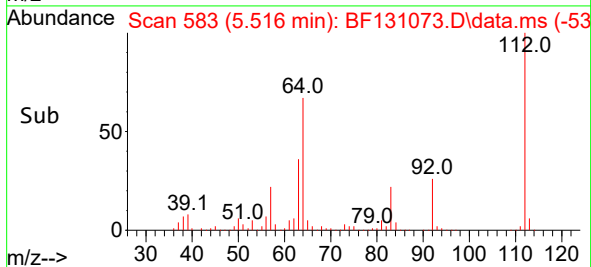
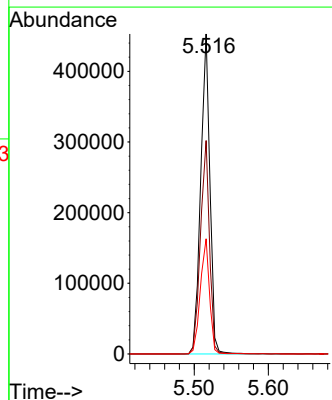
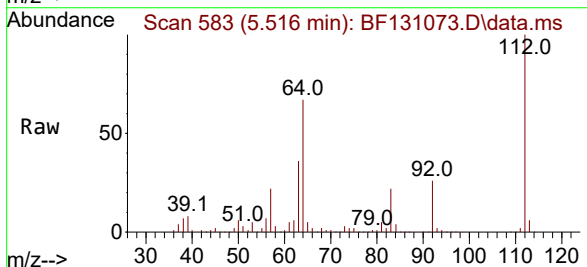
Instrument :
BNA_F
ClientSampleId :
R-26RE

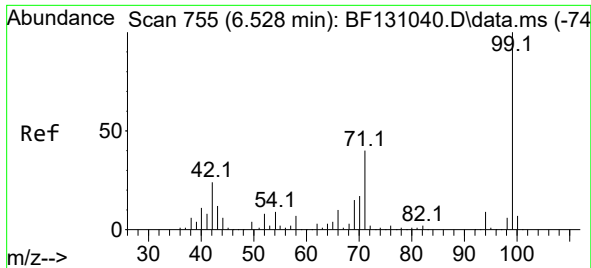
Tgt Ion:152 Resp: 66554
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 64.1 49.1 73.7



#5
2-Fluorophenol
Concen: 94.421 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.000 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

Tgt Ion:112 Resp: 389713
Ion Ratio Lower Upper
112 100
64 66.7 52.2 78.4
63 36.0 29.0 43.4

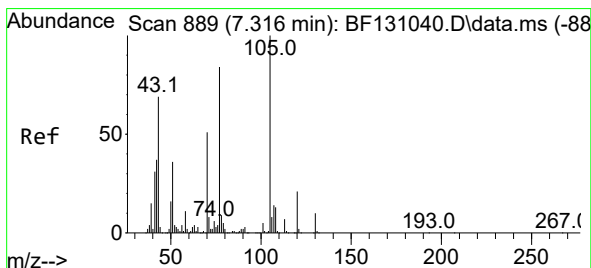
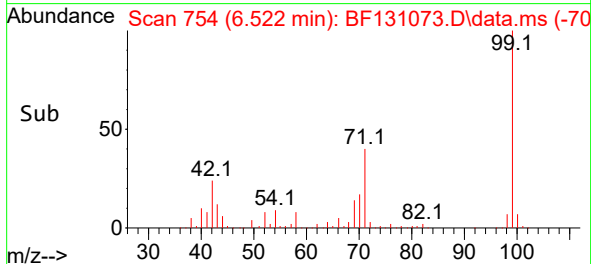
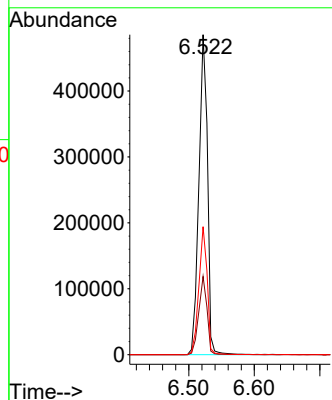
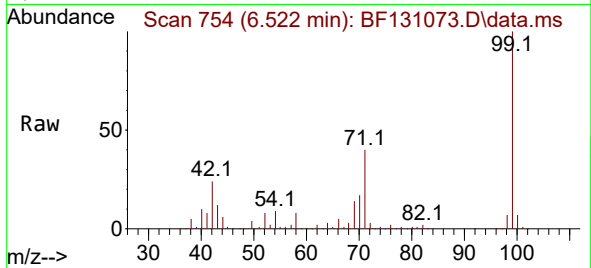




#7
Phenol-d6
Concen: 88.069 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

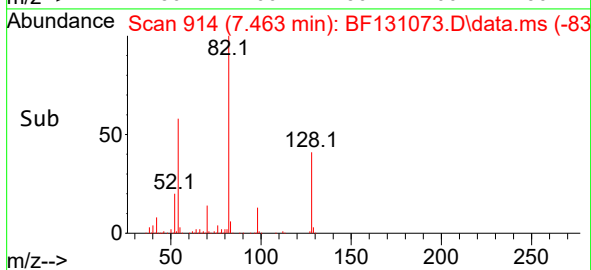
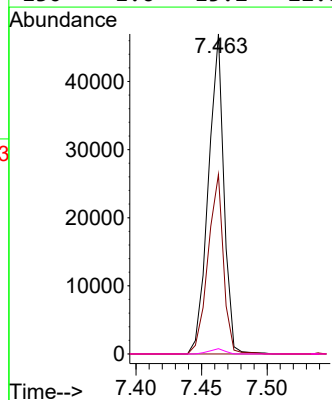
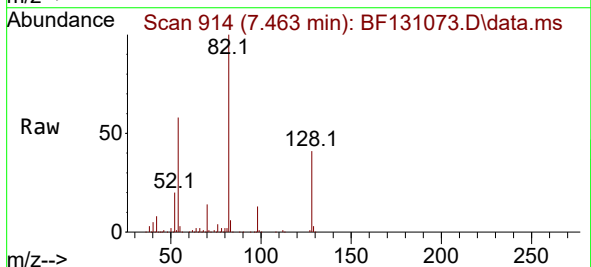
Instrument :
BNA_F
ClientSampleId :
R-26RE

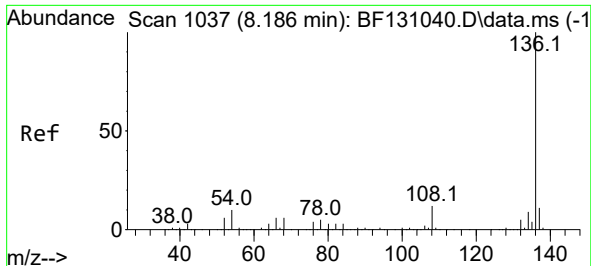
Tgt Ion: 99 Resp: 443665
Ion Ratio Lower Upper
99 100
42 24.4 19.4 29.0
71 40.0 31.8 47.8



#19
n-Nitroso-di-n-propylamine
Concen: 10.787 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

Tgt Ion: 70 Resp: 38728
Ion Ratio Lower Upper
70 100
42 56.1 59.0 88.4#
101 0.0 8.0 12.0#
130 1.6 15.2 22.8#



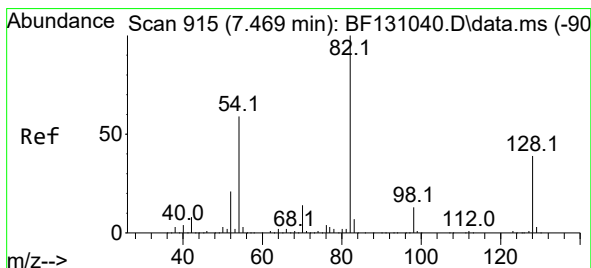
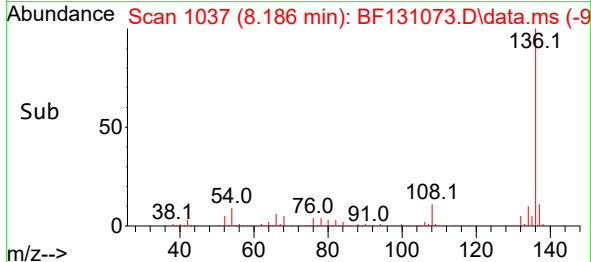
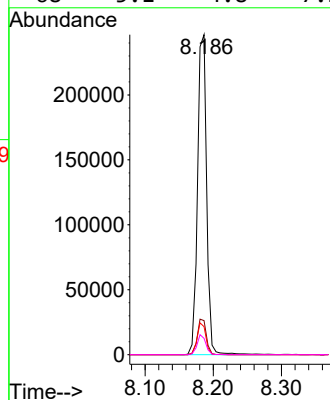
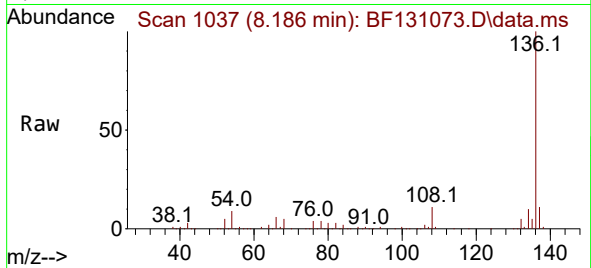


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

Instrument :
BNA_F
ClientSampleId :
R-26RE

Tgt Ion:136 Resp: 229579

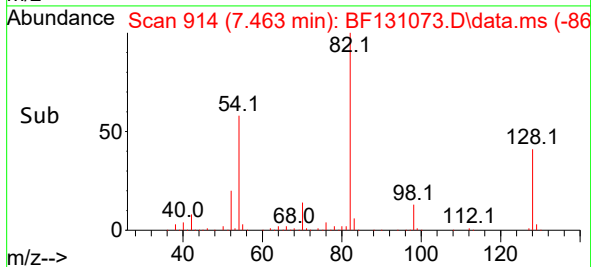
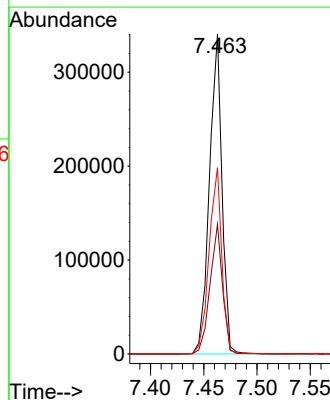
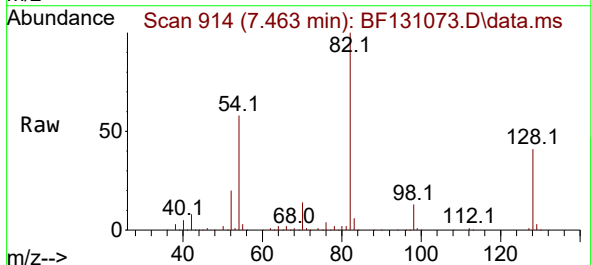
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.7	8.2	12.2
68	5.1	4.8	7.2

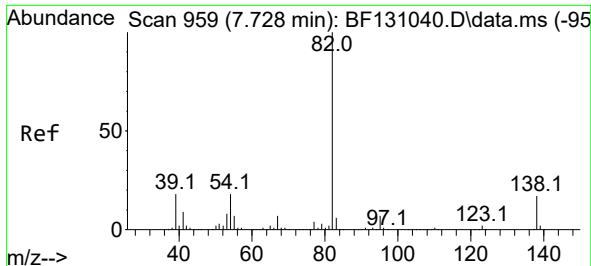


#23
Nitrobenzene-d5
Concen: 56.590 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

Tgt Ion: 82 Resp: 280283

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.3	46.9
54	58.2	47.2	70.8

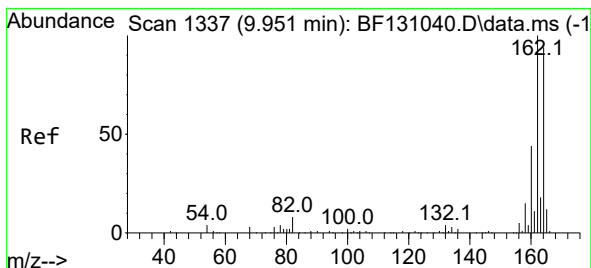
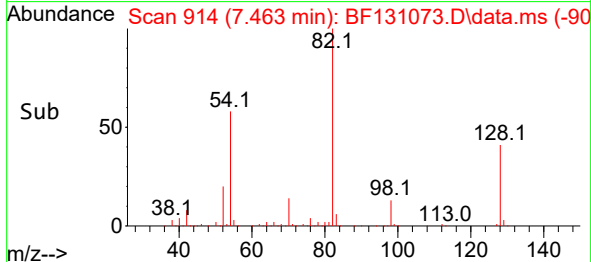
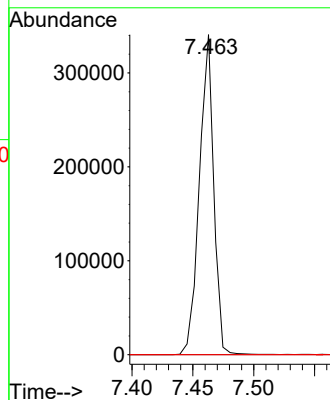
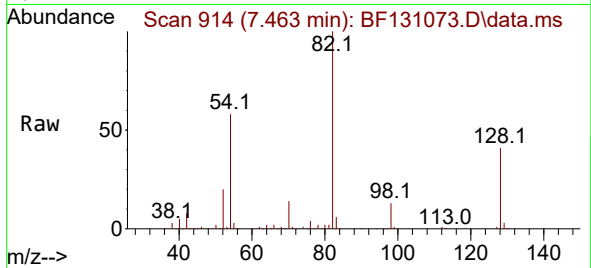




#25
Isophorone
Concen: 32.840 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.265 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

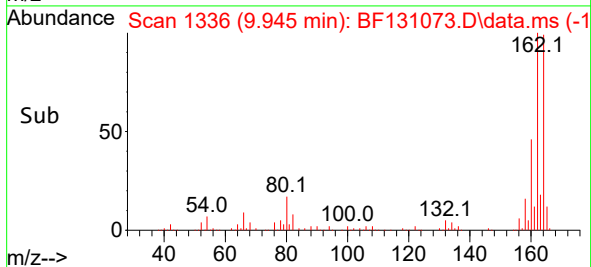
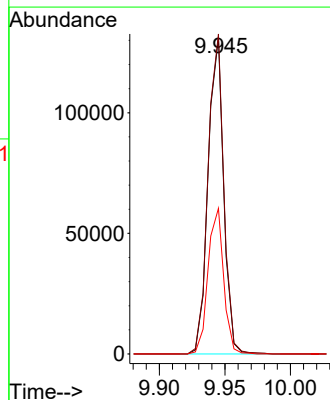
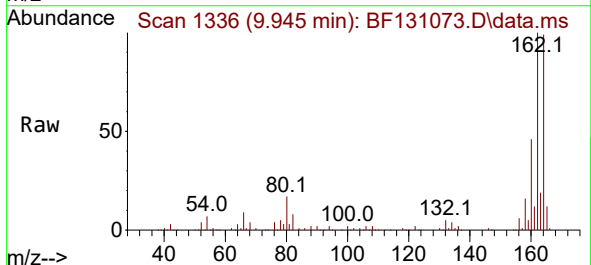
Instrument :
BNA_F
ClientSampleId :
R-26RE

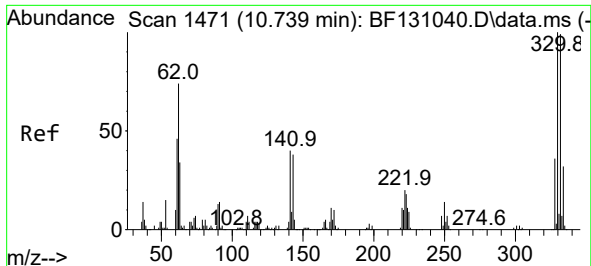
Tgt Ion: 82 Resp: 278794
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.5 20.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

Tgt Ion:164 Resp: 108158
Ion Ratio Lower Upper
164 100
162 101.2 85.0 127.6
160 46.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 75.567 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131073.D

Acq: 08 Nov 2022 18:29

Instrument :

BNA_F

ClientSampleId :

R-26RE

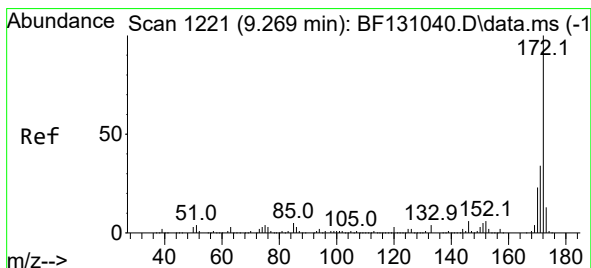
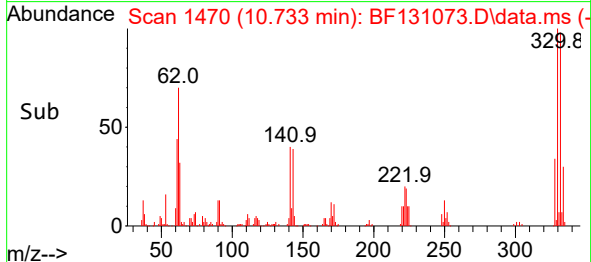
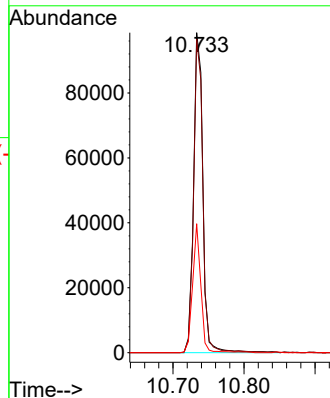
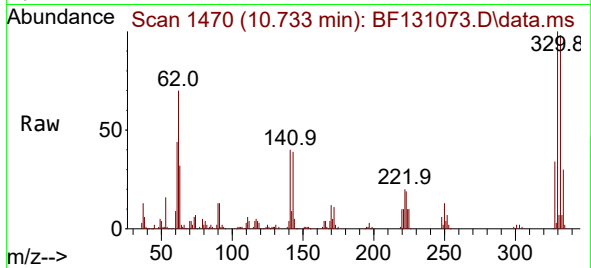
Tgt Ion:330 Resp: 89984

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.4

141 35.8 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 51.860 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131073.D

Acq: 08 Nov 2022 18:29

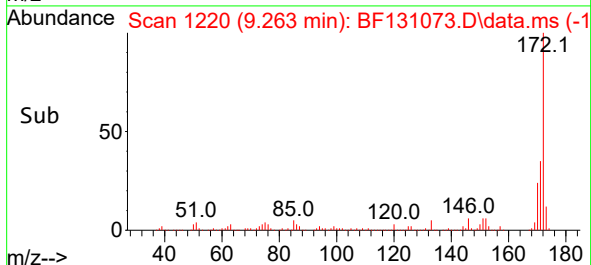
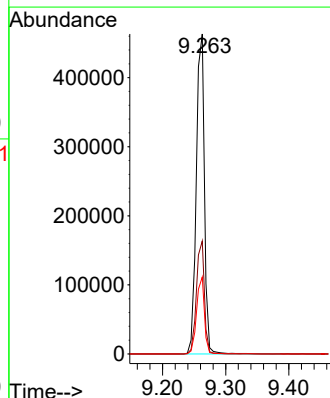
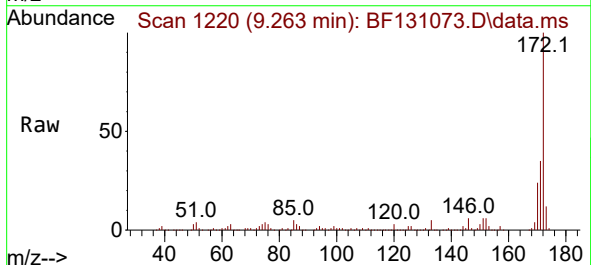
Tgt Ion:172 Resp: 411576

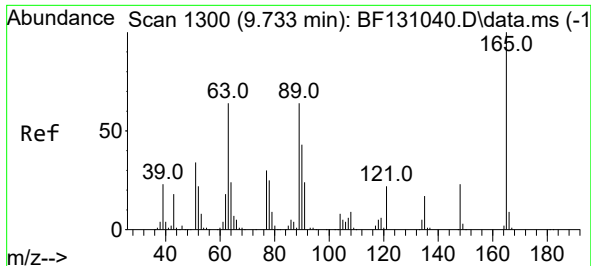
Ion Ratio Lower Upper

172 100

171 35.3 27.7 41.5

170 24.0 18.4 27.6

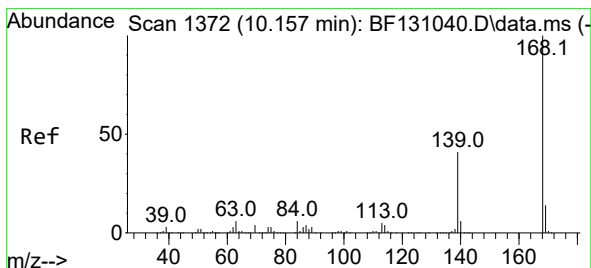
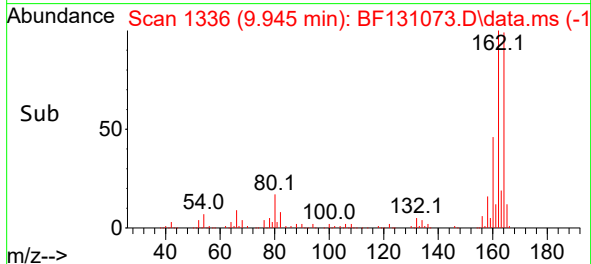
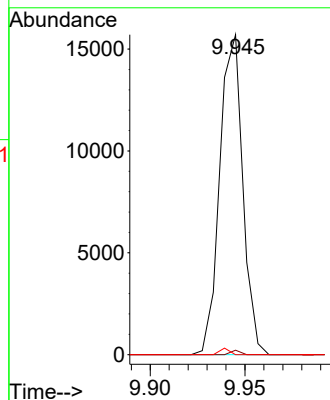
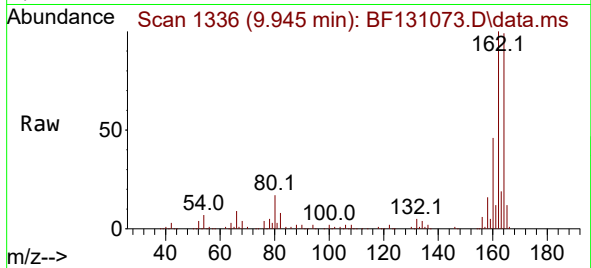




#51
2,6-Dinitrotoluene
Concen: 7.472 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

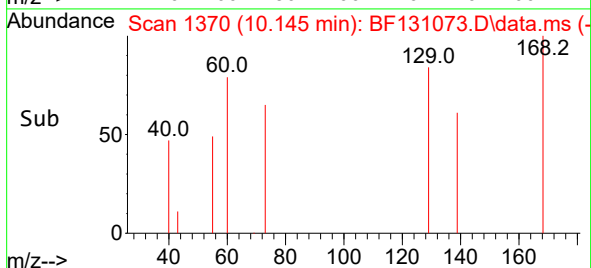
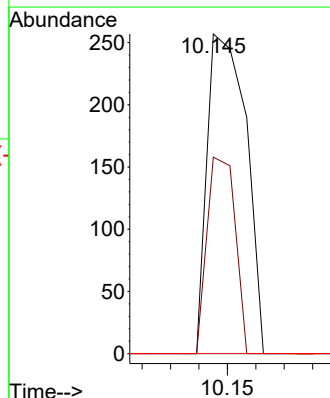
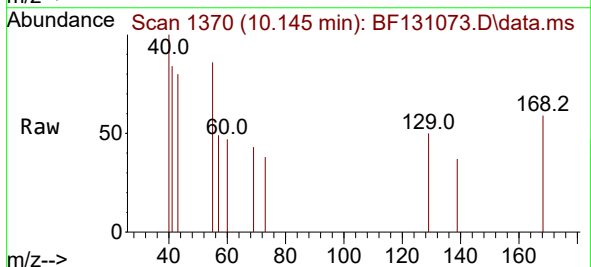
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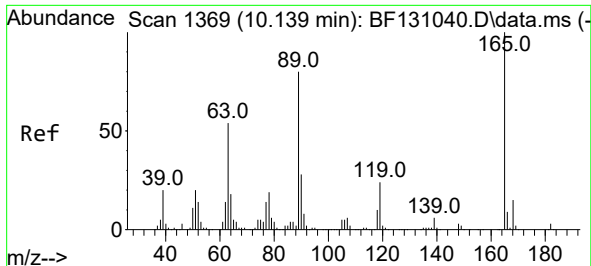
Tgt Ion:165 Resp: 13287
Ion Ratio Lower Upper
165 100
63 1.4 57.2 85.8#
89 0.0 51.4 77.2#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.145 min Scan# 1370
Delta R.T. -0.012 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

Tgt Ion:168 Resp: 244
Ion Ratio Lower Upper
168 100
139 61.5 33.0 49.6#
169 0.0 11.3 16.9#

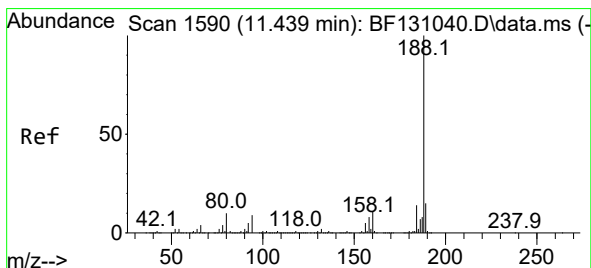
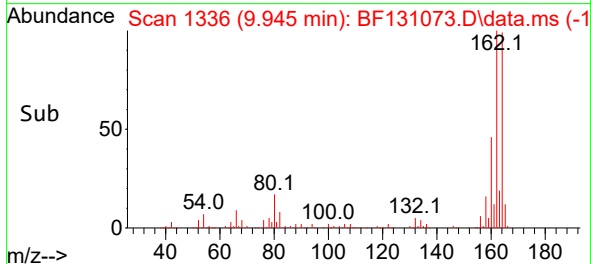
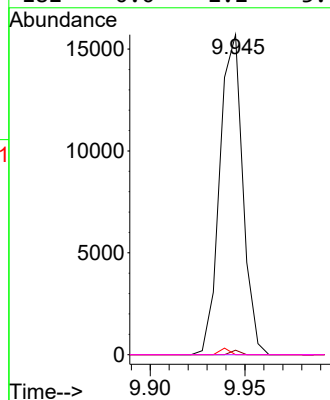
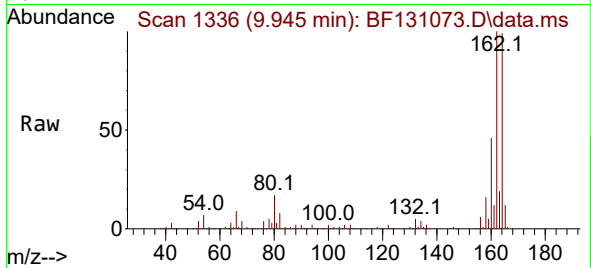




#57
2,4-Dinitrotoluene
Concen: 5.752 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

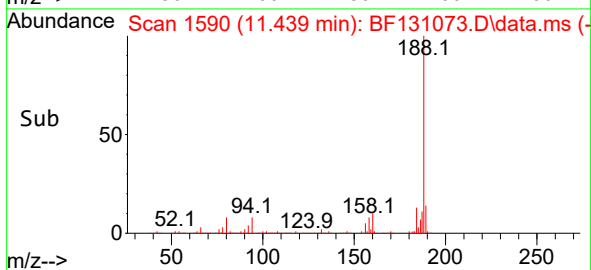
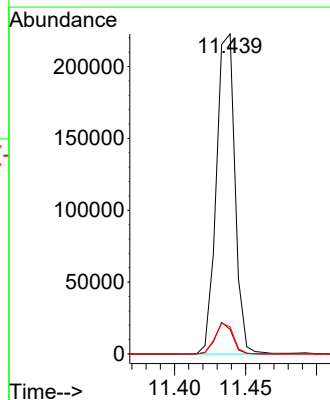
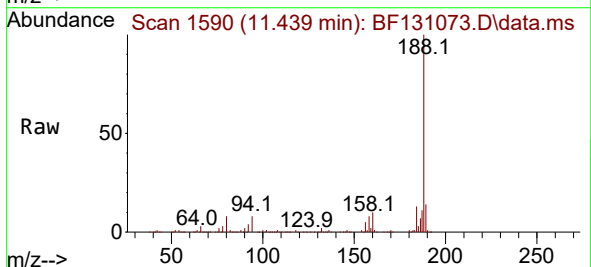
Instrument :
BNA_F
ClientSampleId :
R-26RE

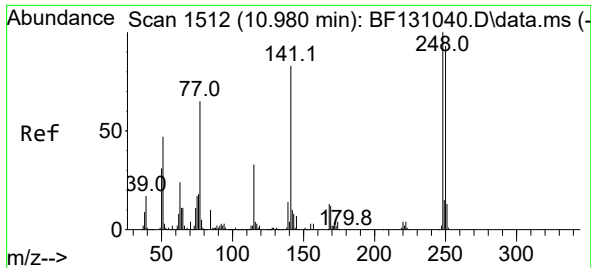
Tgt Ion:165 Resp: 13287
Ion Ratio Lower Upper
165 100
63 1.4 43.4 65.0#
89 0.0 64.0 96.0#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

Tgt Ion:188 Resp: 202607
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.4 8.1 12.1

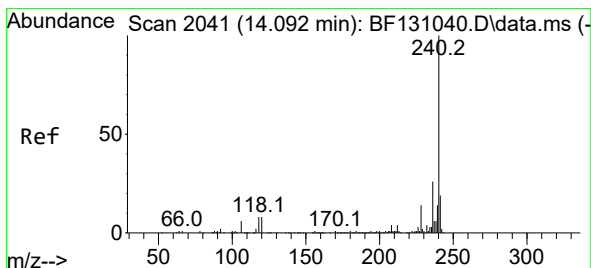
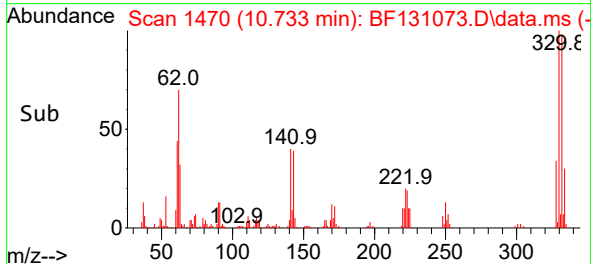
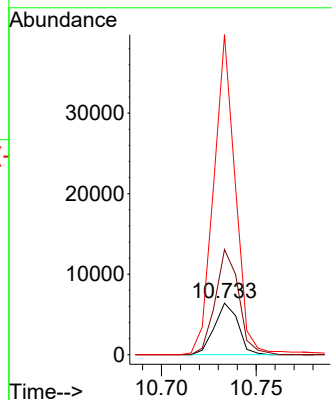
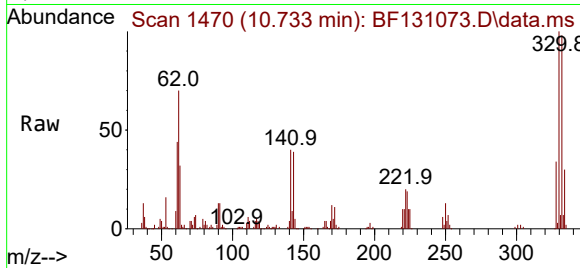




#67
4-Bromophenyl-phenylether
Concen: 2.193 ng
RT: 10.733 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

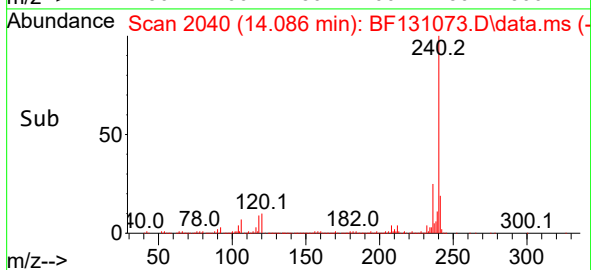
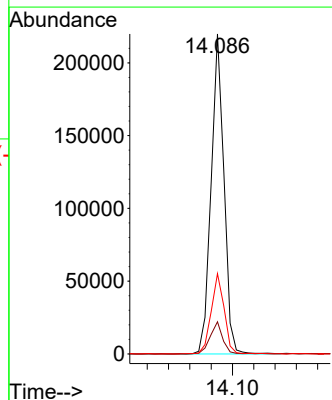
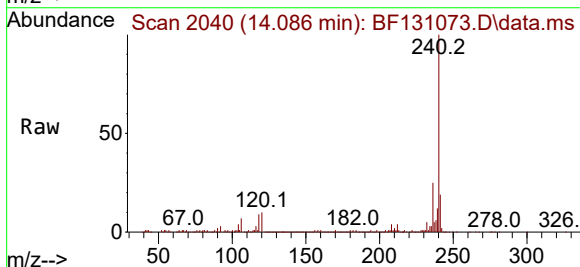
Instrument :
BNA_F
ClientSampleId :
R-26RE

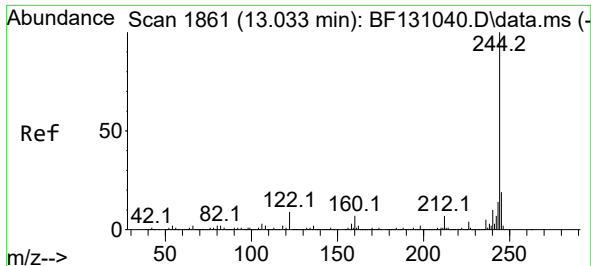
Tgt Ion:248 Resp: 5582
Ion Ratio Lower Upper
248 100
250 204.0 74.6 112.0#
141 621.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BF131073.D
Acq: 08 Nov 2022 18:29

Tgt Ion:240 Resp: 183727
Ion Ratio Lower Upper
240 100
120 10.1 6.7 10.1
236 25.1 20.8 31.2

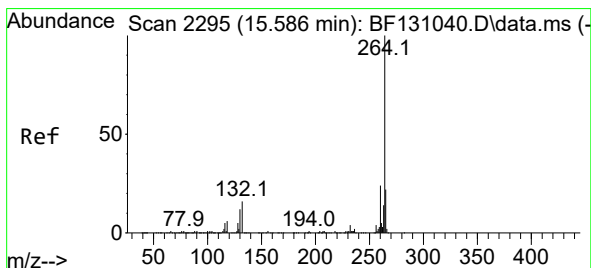
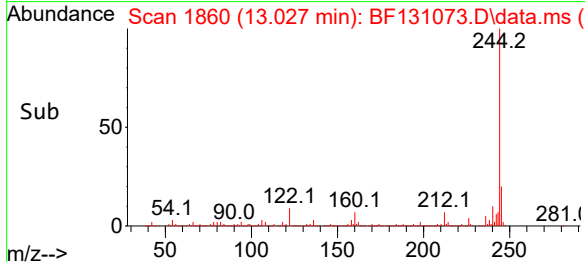
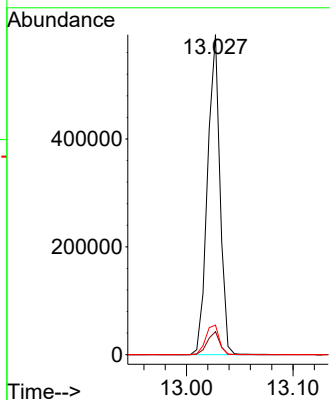
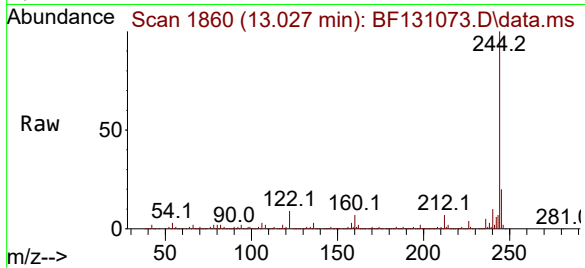




#79
 Terphenyl-d14
 Concen: 42.088 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131073.D
 Acq: 08 Nov 2022 18:29

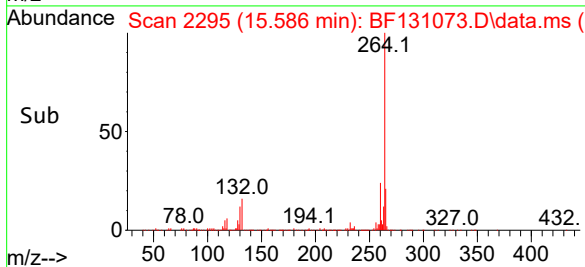
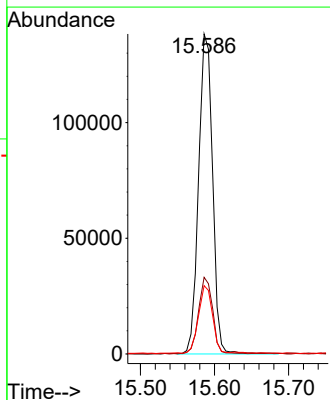
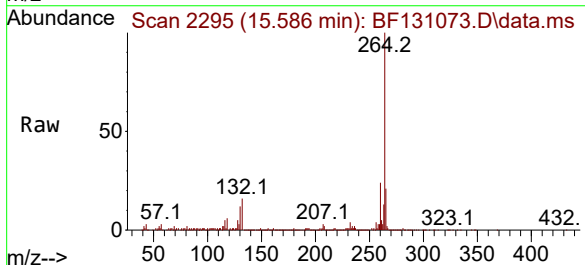
Instrument :
 BNA_F
 ClientSampleId :
 R-26RE

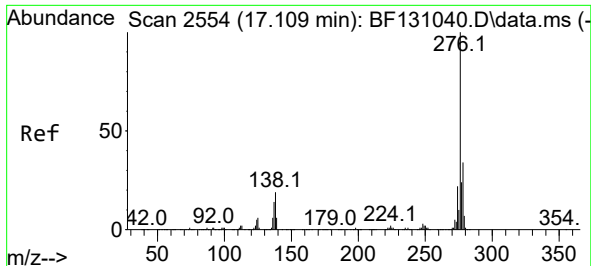
Tgt Ion:244 Resp: 482318
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131073.D
 Acq: 08 Nov 2022 18:29

Tgt Ion:264 Resp: 181492
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.4 17.3 25.9

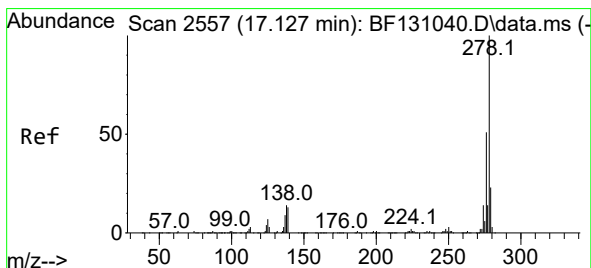
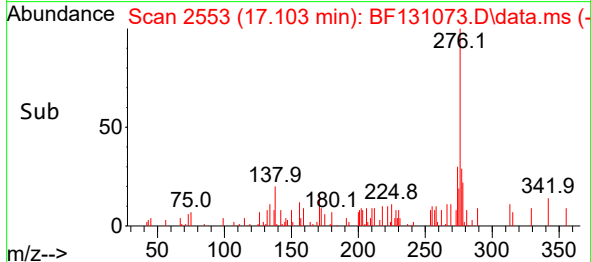
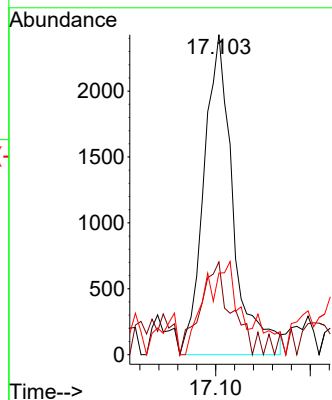
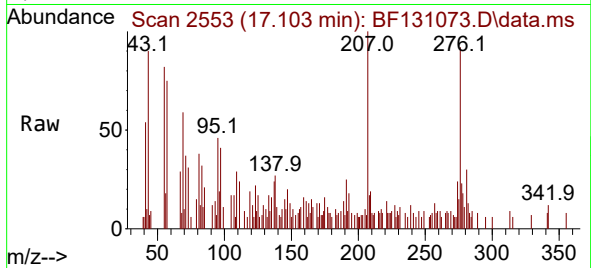




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.640 ng
 RT: 17.103 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF131073.D
 Acq: 08 Nov 2022 18:29

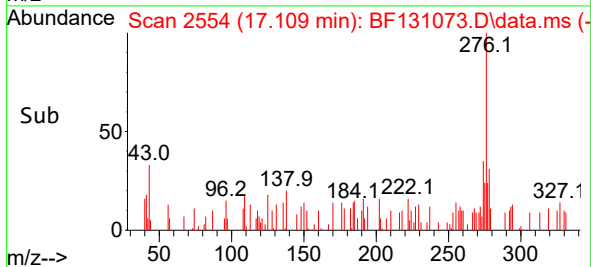
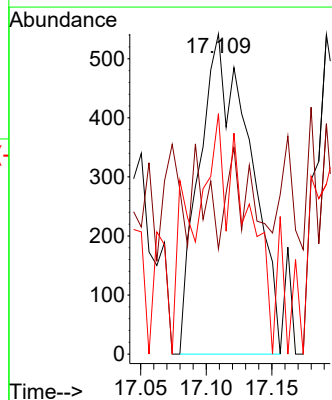
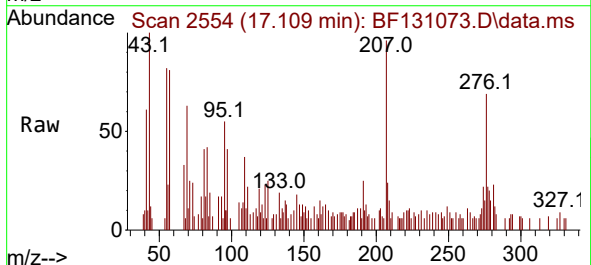
Instrument :
 BNA_F
 ClientSampleId :
 R-26RE

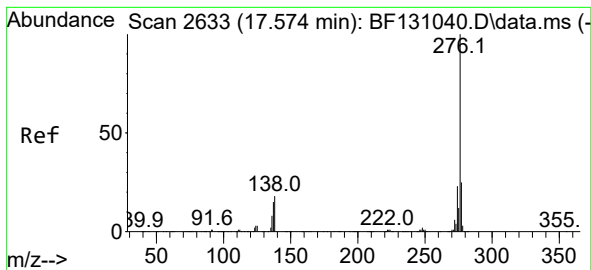
Tgt Ion:276 Resp: 5215
 Ion Ratio Lower Upper
 276 100
 138 29.8 17.3 25.9#
 277 33.3 20.2 30.4#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.415 ng
 RT: 17.109 min Scan# 2554
 Delta R.T. -0.018 min
 Lab File: BF131073.D
 Acq: 08 Nov 2022 18:29

Tgt Ion:278 Resp: 1457
 Ion Ratio Lower Upper
 278 100
 139 32.8 10.8 16.2#
 279 75.1 18.7 28.1#





#92

Benzo(g,h,i)perylene

Concen: 3.768 ng

RT: 17.568 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF131073.D

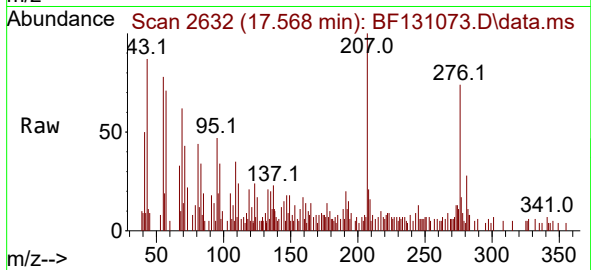
Acq: 08 Nov 2022 18:29

Instrument :

BNA_F

ClientSampleId :

R-26RE



Tgt Ion:276 Resp: 5152

Ion Ratio Lower Upper

276 100

277 23.4 20.0 30.0

138 28.4 14.8 22.2#

