

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080923\
 Data File : BF134690.D
 Acq On : 09 Aug 2023 15:01
 Operator : CG\JU
 Sample : PB154717BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154717BL

Quant Time: Aug 10 01:40:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	173797	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	704827	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	373668	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	722962	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	515872	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	409186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1434443	125.462	ng	0.02
7) Phenol-d6	6.439	99	1851460	126.680	ng	0.00
23) Nitrobenzene-d5	7.363	82	1138091	100.908	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	572315	150.246	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2077158	92.426	ng	0.00
79) Terphenyl-d14	12.927	244	2580924	88.197	ng	0.00

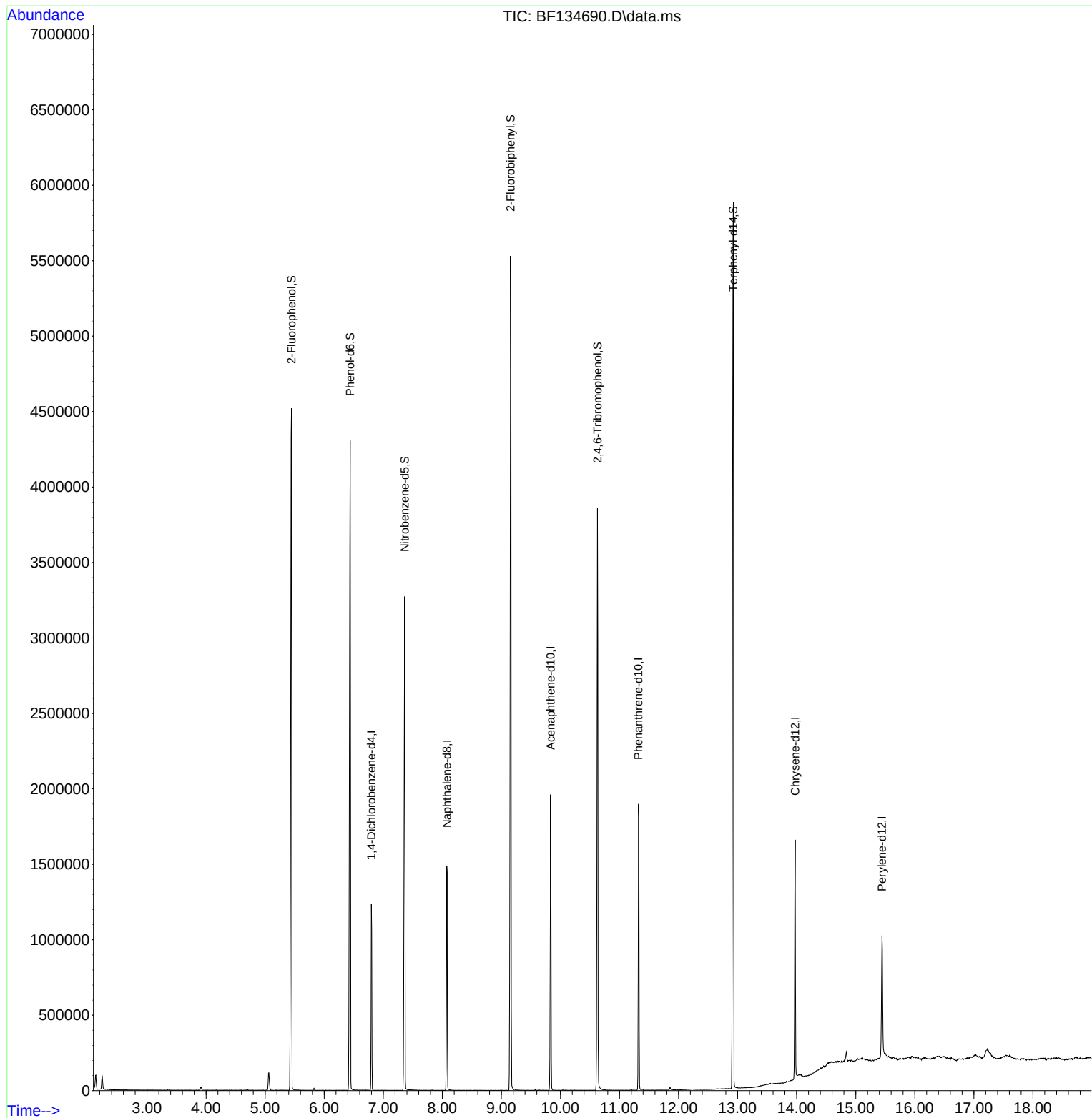
Target Compounds	Qvalue

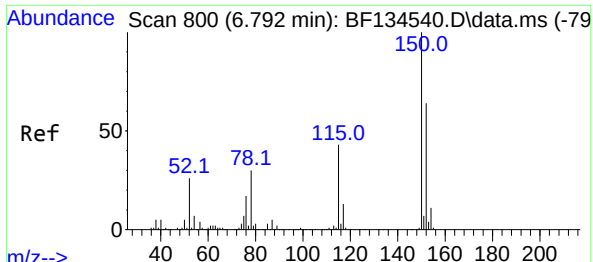
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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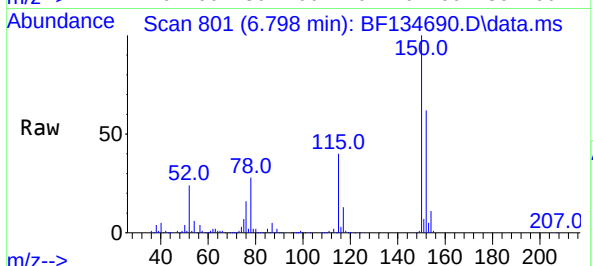
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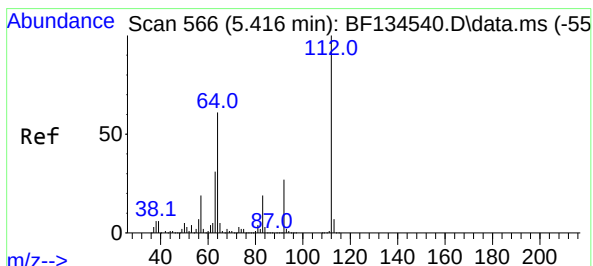
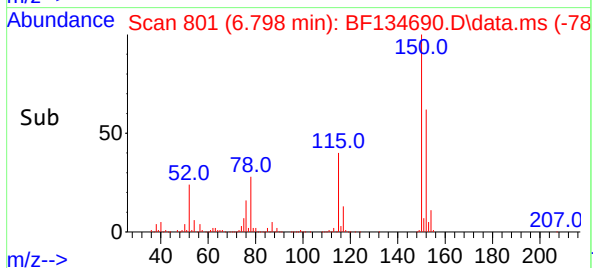
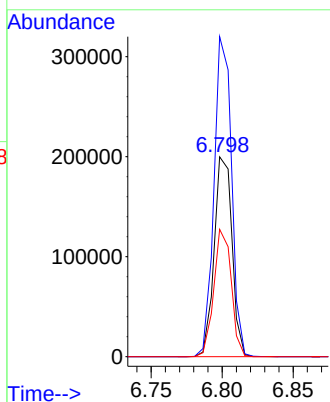


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Instrument :
BNA_F
ClientSampleId :
PB154717BL

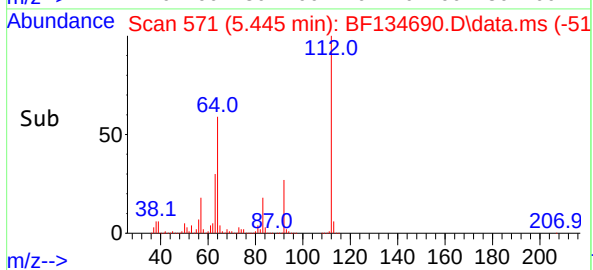
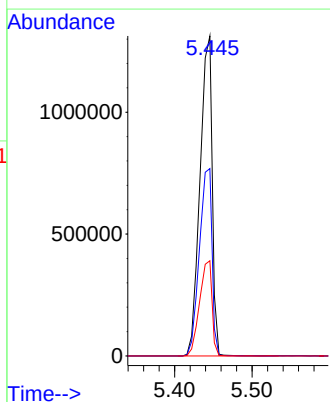
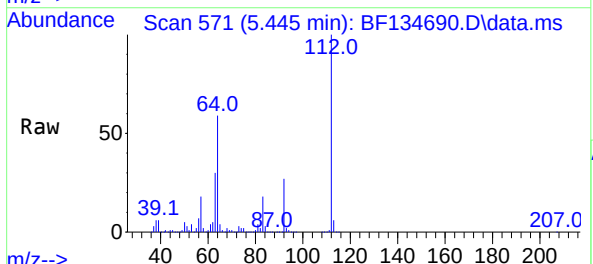


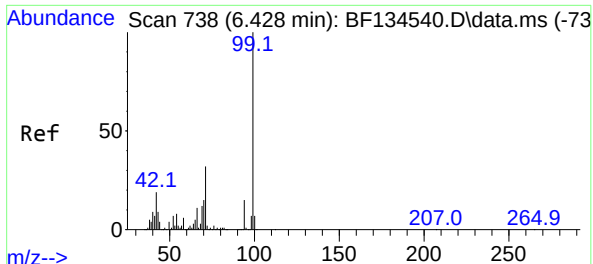
Tgt Ion:152 Resp: 173797
Ion Ratio Lower Upper
152 100
150 160.2 128.3 192.5
115 63.8 52.4 78.6



#5
2-Fluorophenol
Concen: 125.462 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Tgt Ion:112 Resp: 1434443
Ion Ratio Lower Upper
112 100
64 58.6 44.9 67.3
63 29.8 25.4 38.0

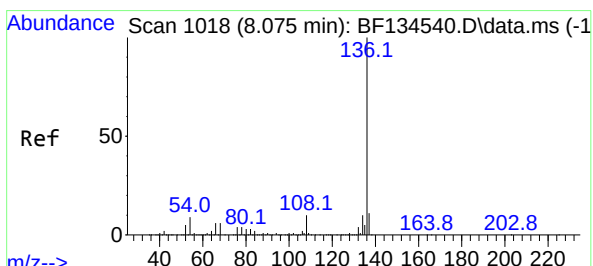
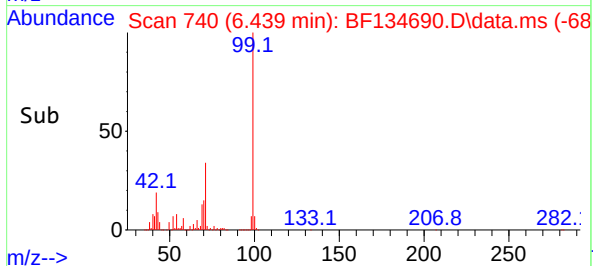
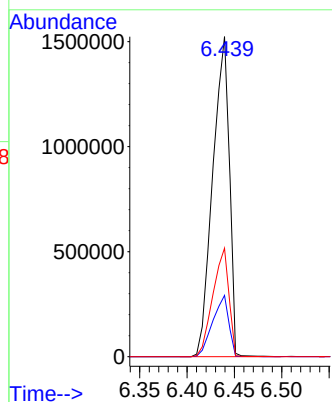
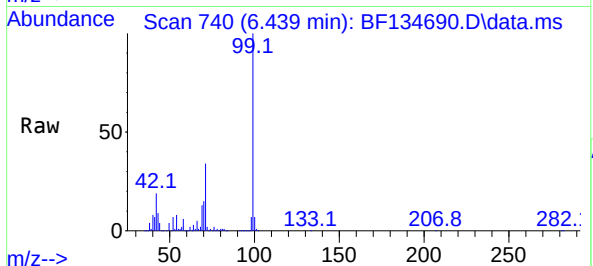




#7
Phenol-d6
Concen: 126.680 ng
RT: 6.439 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

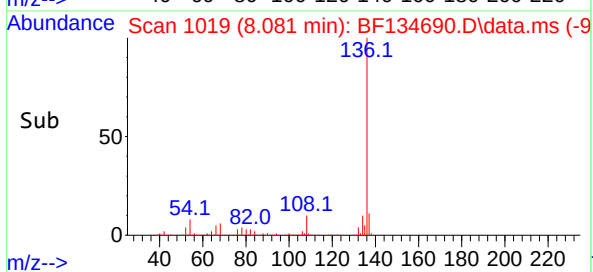
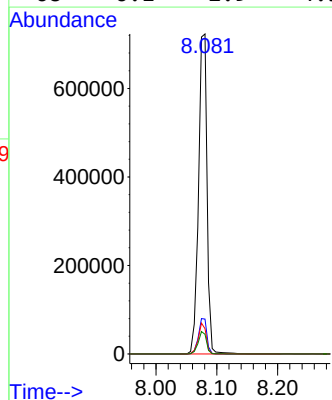
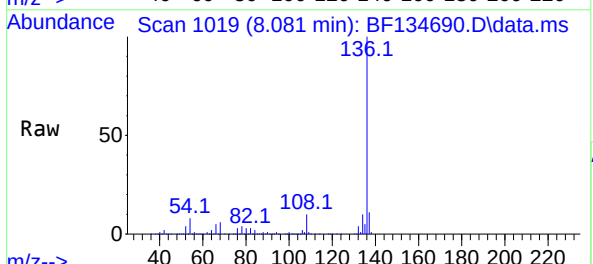
Instrument :
BNA_F
ClientSampleId :
PB154717BL

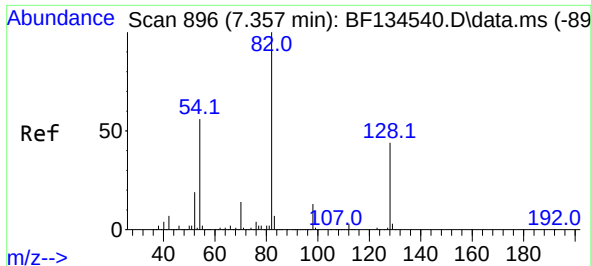
Tgt Ion: 99 Resp: 1851460
Ion Ratio Lower Upper
99 100
42 19.2 18.7 28.1
71 33.9 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Tgt Ion:136 Resp: 704827
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.9 5.2 7.8#
68 6.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 100.908 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134690.D

Acq: 09 Aug 2023 15:01

Instrument :

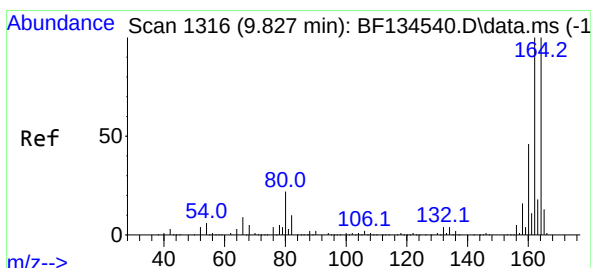
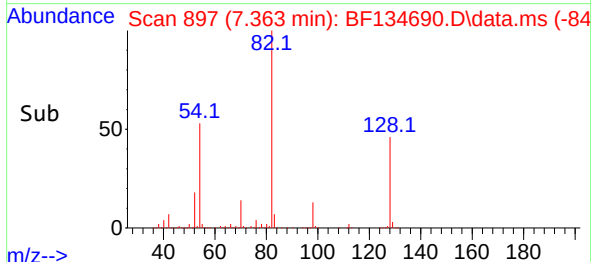
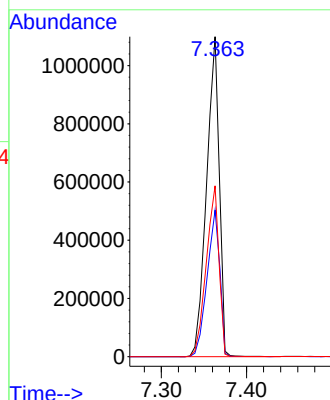
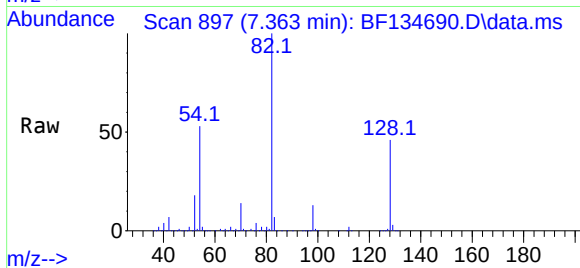
BNA_F

ClientSampleId :

PB154717BL

Tgt Ion: 82 Resp: 1138091

Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.3	51.5
54	53.4	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

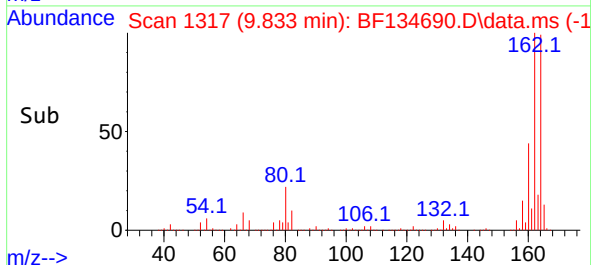
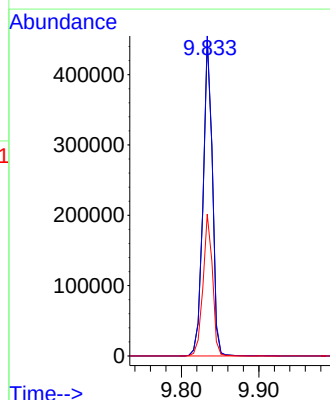
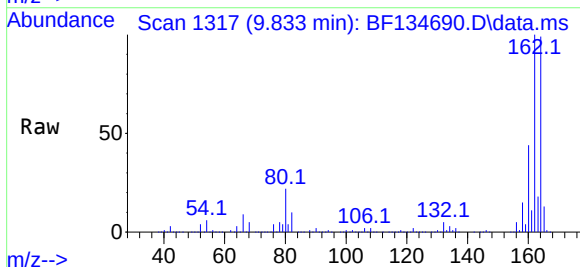
Delta R.T. -0.000 min

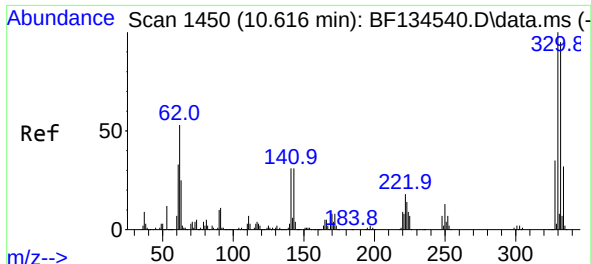
Lab File: BF134690.D

Acq: 09 Aug 2023 15:01

Tgt Ion:164 Resp: 373668

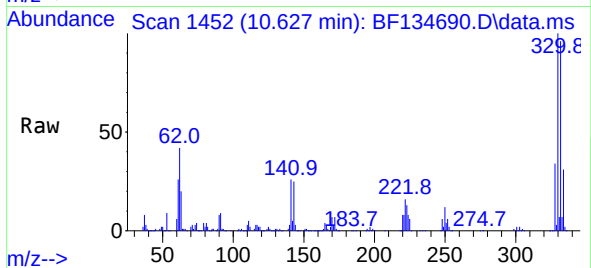
Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	44.9	37.2	55.8



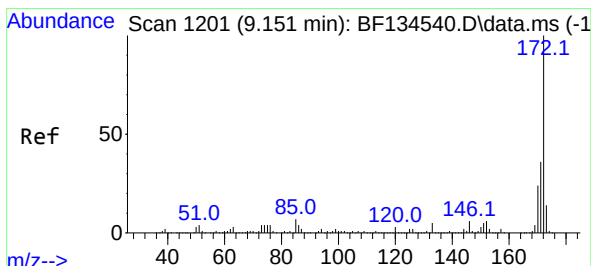
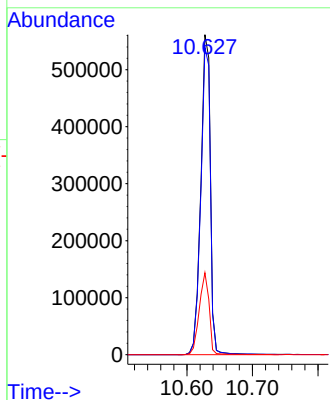
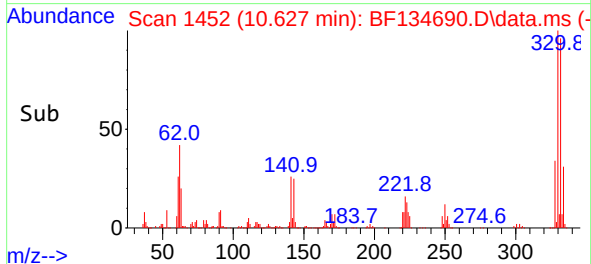


#42
2,4,6-Tribromophenol
Concen: 150.246 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

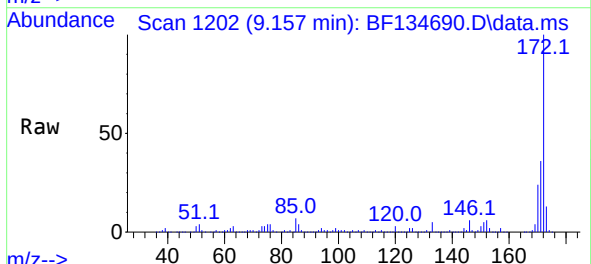
Instrument :
BNA_F
ClientSampleId :
PB154717BL



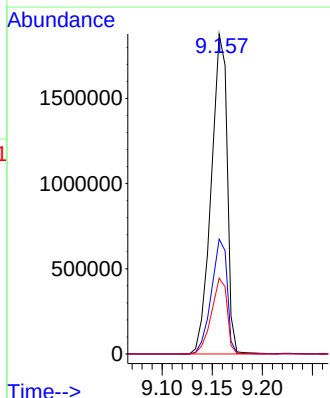
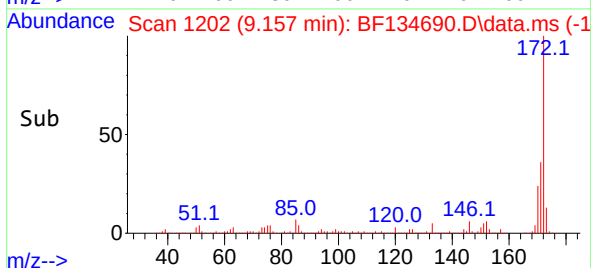
Tgt Ion:330 Resp: 572315
Ion Ratio Lower Upper
330 100
332 96.6 78.8 118.2
141 26.4 25.4 38.2

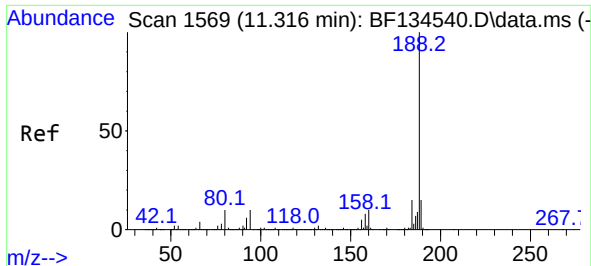


#45
2-Fluorobiphenyl
Concen: 92.426 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01



Tgt Ion:172 Resp: 2077158
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 18.7 28.1

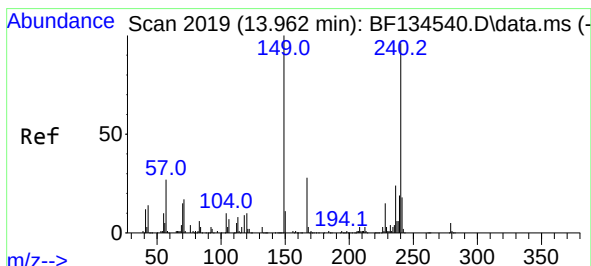
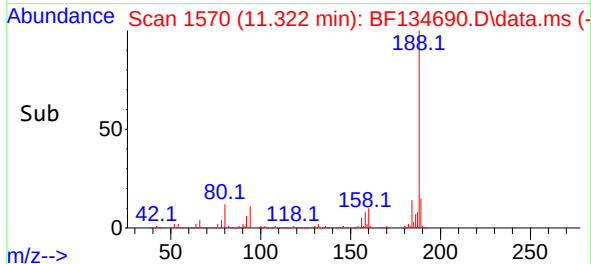
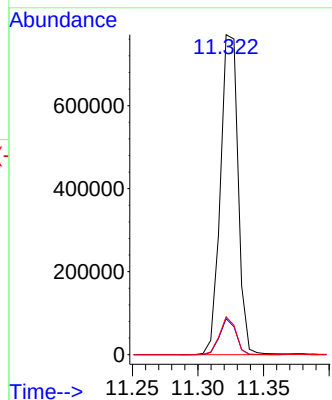
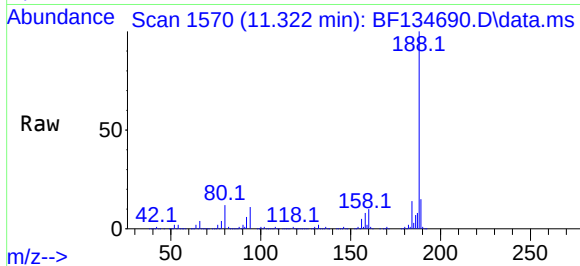




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

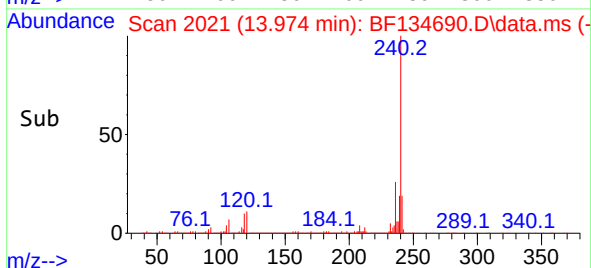
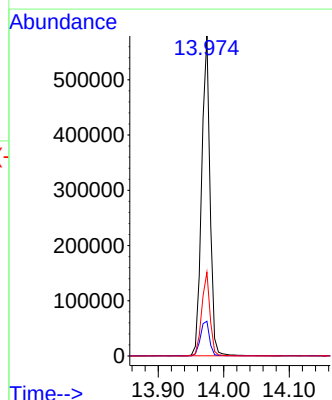
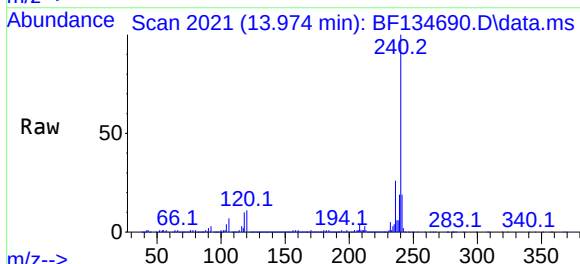
Instrument :
BNA_F
ClientSampleId :
PB154717BL

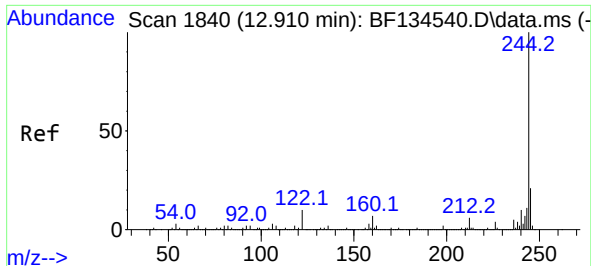
Tgt Ion:188 Resp: 722962
Ion Ratio Lower Upper
188 100
94 11.2 5.1 7.7#
80 11.8 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

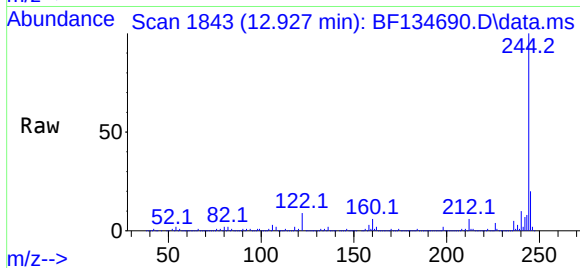
Tgt Ion:240 Resp: 515872
Ion Ratio Lower Upper
240 100
120 10.9 6.6 10.0#
236 26.1 20.2 30.2



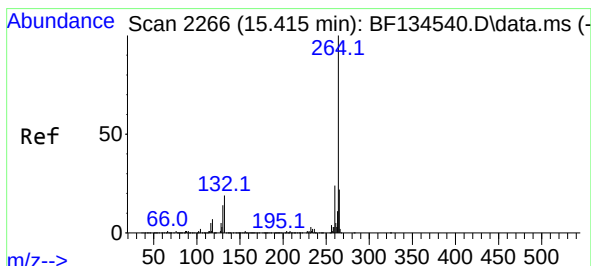
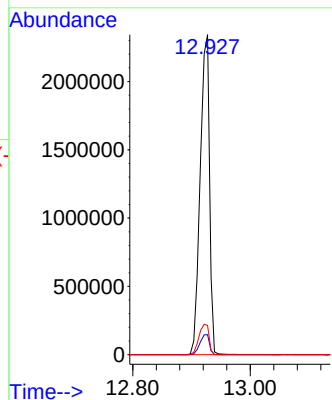
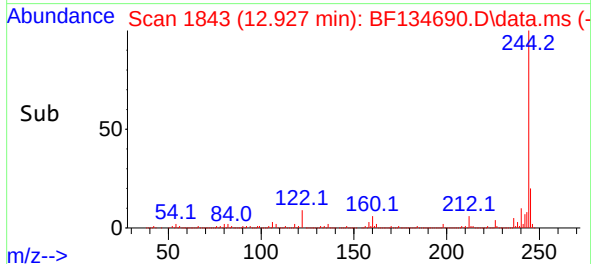


#79
Terphenyl-d14
Concen: 88.197 ng
RT: 12.927 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Instrument :
BNA_F
ClientSampleId :
PB154717BL



Tgt Ion:244 Resp: 2580924
Ion Ratio Lower Upper
244 100
212 6.3 5.6 8.4
122 9.2 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF134690.D
Acq: 09 Aug 2023 15:01

Tgt Ion:264 Resp: 409186
Ion Ratio Lower Upper
264 100
260 24.0 18.4 27.6
265 20.6 15.8 23.8

