

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031023\
 Data File : BF132741.D
 Acq On : 10 Mar 2023 14:59
 Operator : CG\JU
 Sample : 01853-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230168-COMPOSITE-2-ELUTRIATE

Quant Time: Mar 10 17:51:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 16:26:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	240390	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	888018	20.000	ng	0.00
39) Acenaphthene-d10	10.022	164	489531	20.000	ng	-0.01
64) Phenanthrene-d10	11.522	188	915447	20.000	ng	0.00
76) Chrysene-d12	14.180	240	457374	20.000	ng	0.00
86) Perylene-d12	15.721	264	425911	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	851214	57.469	ng	0.00
7) Phenol-d6	6.604	99	728753	37.699	ng	-0.02
23) Nitrobenzene-d5	7.545	82	1566927	83.717	ng	-0.01
42) 2,4,6-Tribromophenol	10.822	330	660224	124.883	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	2551537	79.364	ng	0.00
79) Terphenyl-d14	13.116	244	2645834	97.807	ng	0.00

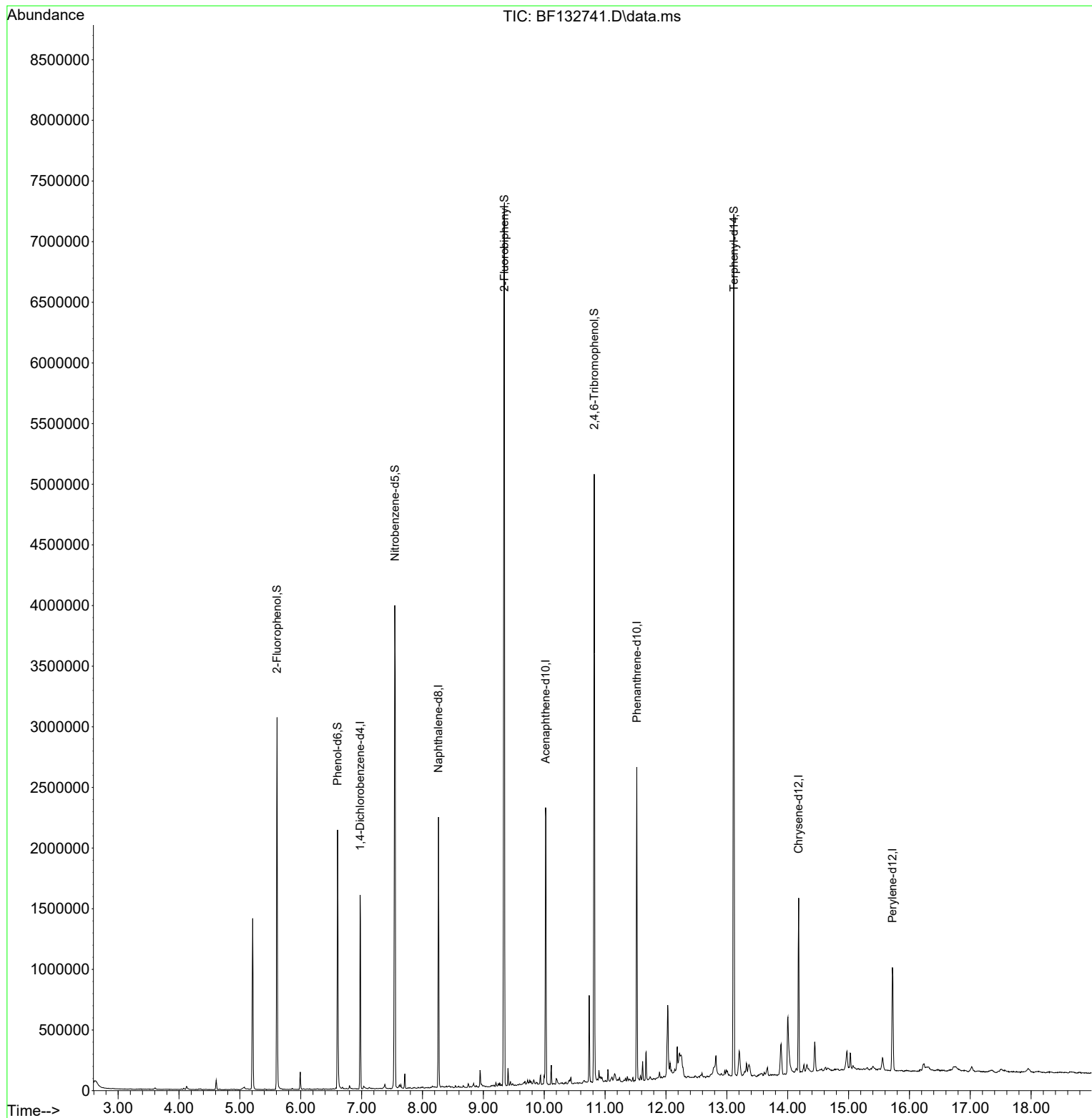
Target Compounds	Qvalue

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

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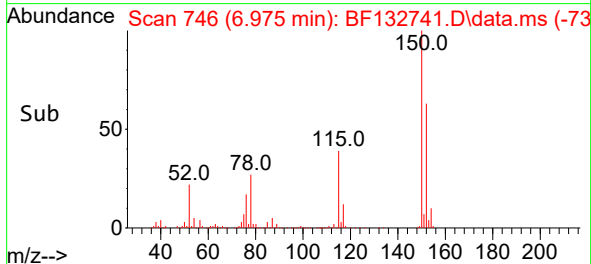
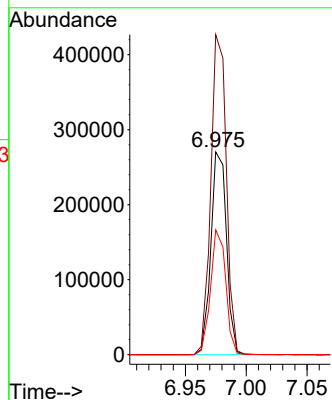
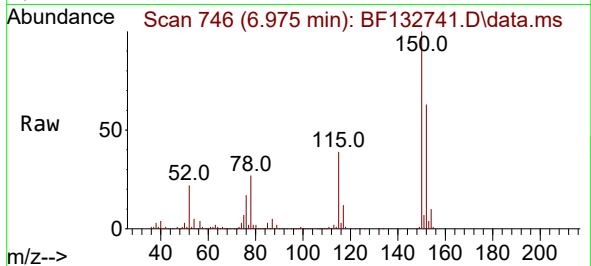




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

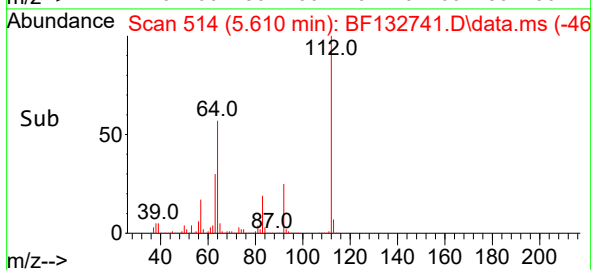
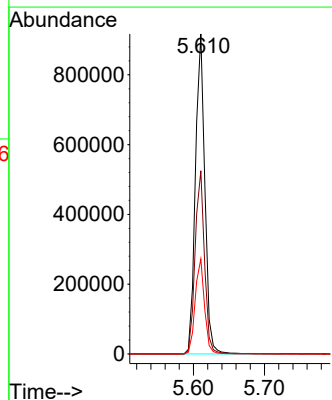
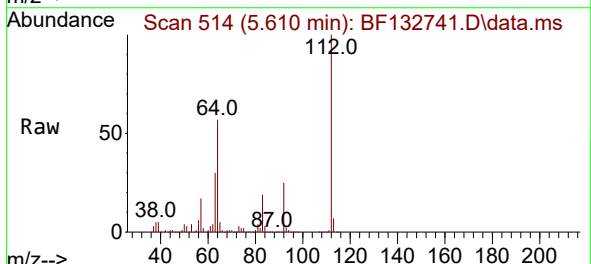
Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

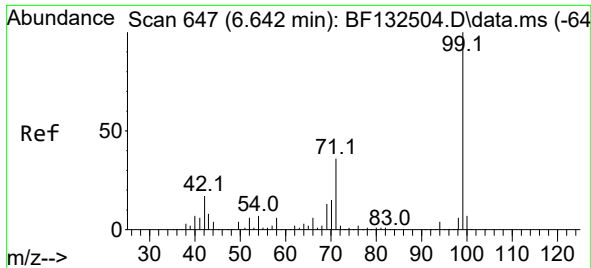
Tgt Ion:152 Resp: 240390
Ion Ratio Lower Upper
152 100
150 157.8 125.4 188.2
115 61.5 47.8 71.6



#5
2-Fluorophenol
Concen: 57.469 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion:112 Resp: 851214
Ion Ratio Lower Upper
112 100
64 57.2 51.6 77.4
63 29.7 27.4 41.2

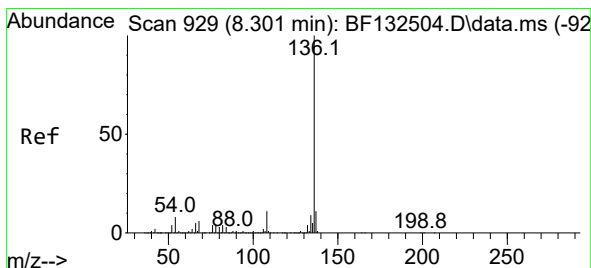
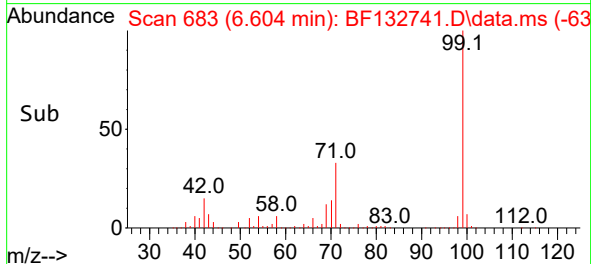
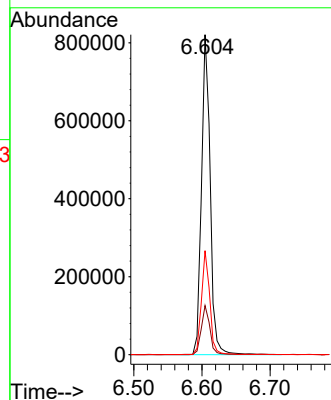
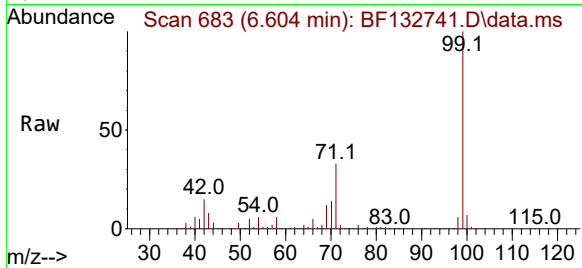




#7
Phenol-d6
Concen: 37.699 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.017 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

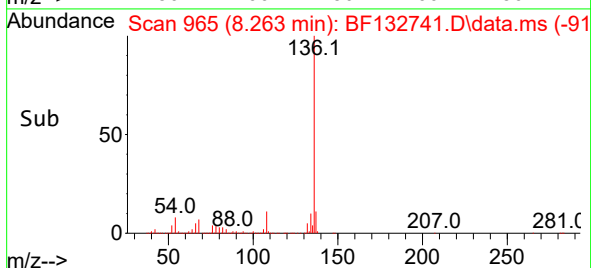
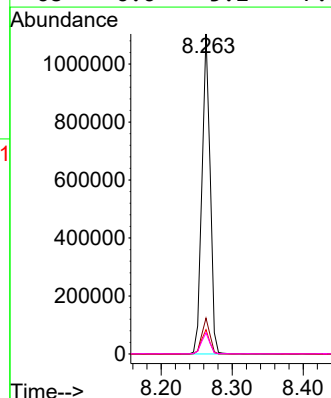
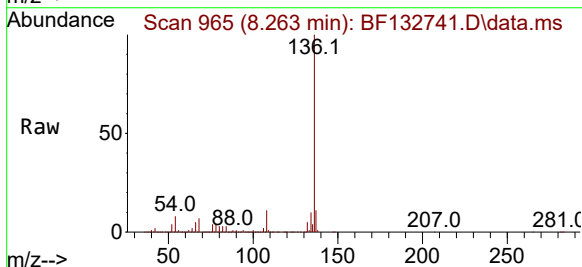
Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

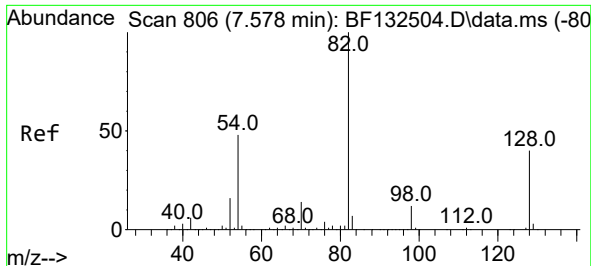
Tgt Ion: 99 Resp: 728753
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 32.5 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion:136 Resp: 888018
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.6 6.2 9.4
68 6.6 5.2 7.8

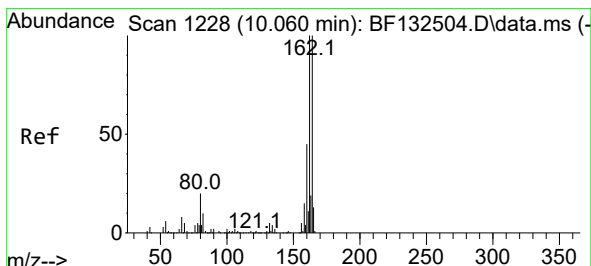
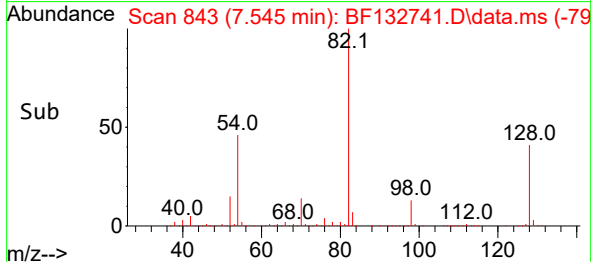
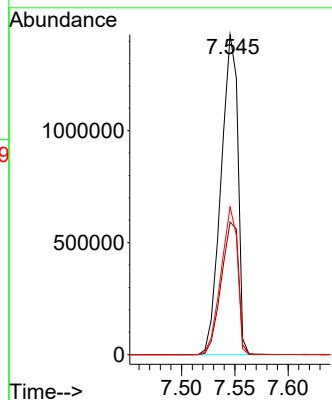
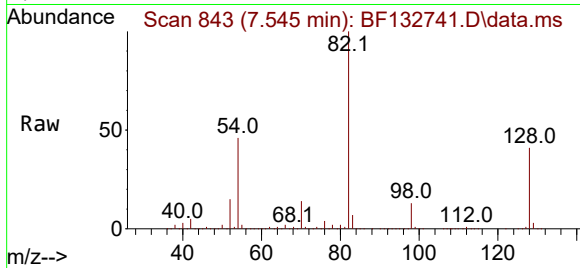




#23
Nitrobenzene-d5
Concen: 83.717 ng
RT: 7.545 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

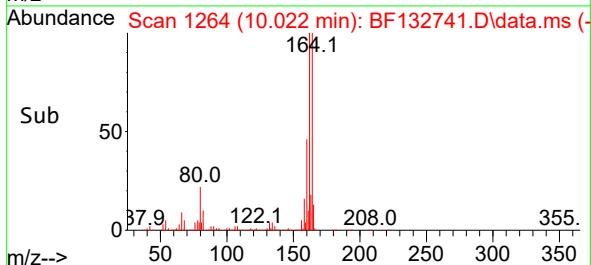
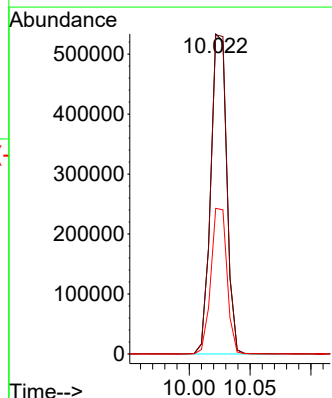
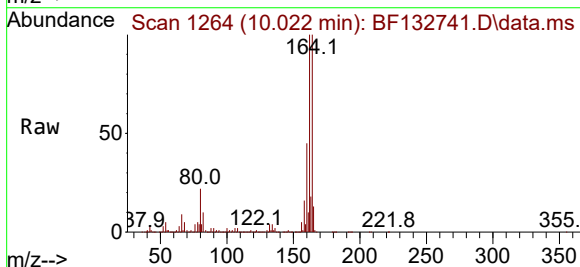
Instrument :
BNA_F
ClientSampleId :
20230168-COMPOSITE-2-ELUTRIATE

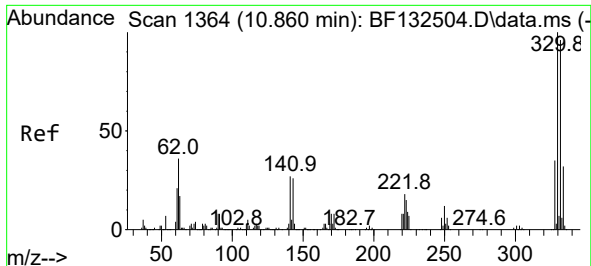
Tgt Ion: 82 Resp: 1566927
Ion Ratio Lower Upper
82 100
128 41.5 32.2 48.2
54 46.2 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.022 min Scan# 1264
Delta R.T. -0.012 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion:164 Resp: 489531
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 45.5 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 124.883 ng

RT: 10.822 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF132741.D

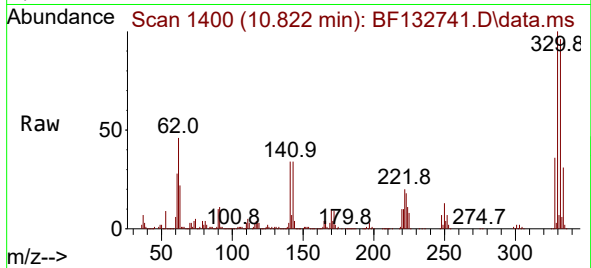
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Instrument :

BNA_F

ClientSampleId :

20230168-COMPOSITE-2-ELUTRIATE



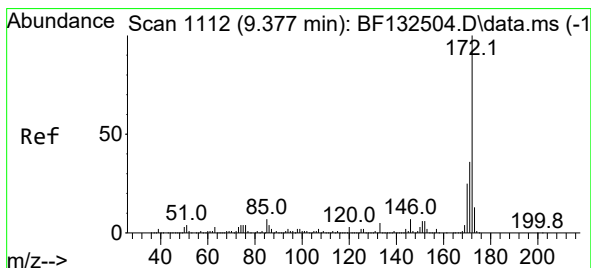
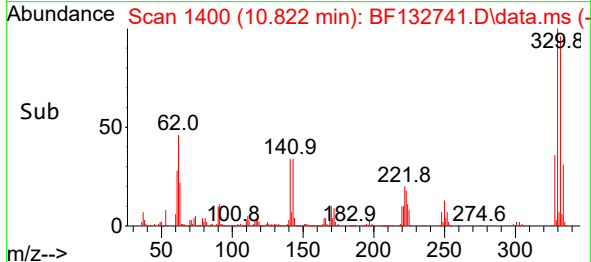
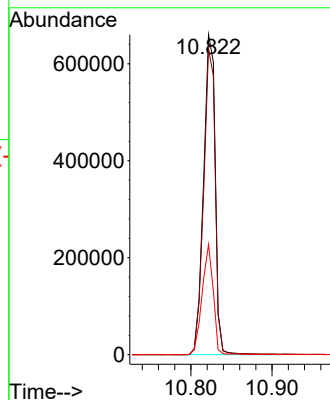
Tgt Ion:330 Resp: 660224

Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 32.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 79.364 ng

RT: 9.345 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF132741.D

Acq: 10 Mar 2023 14:59

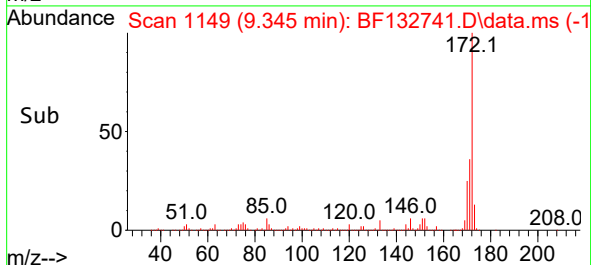
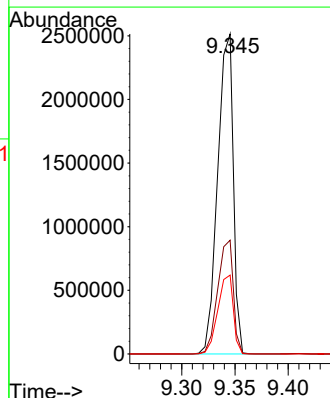
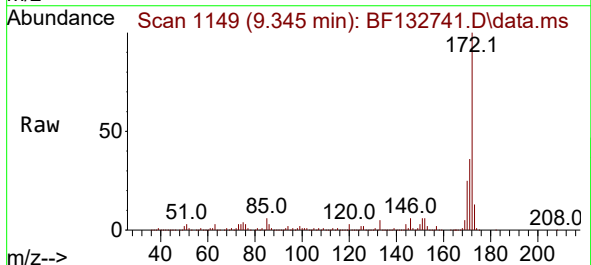
Tgt Ion:172 Resp: 2551537

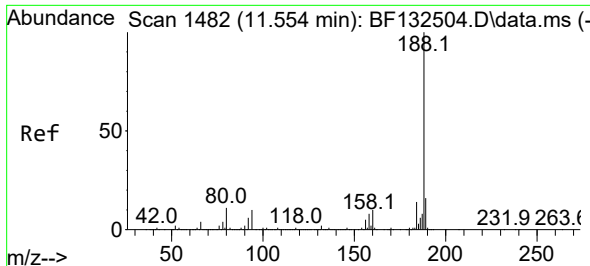
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.7 19.7 29.5

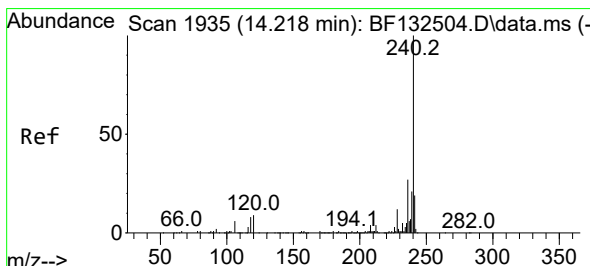
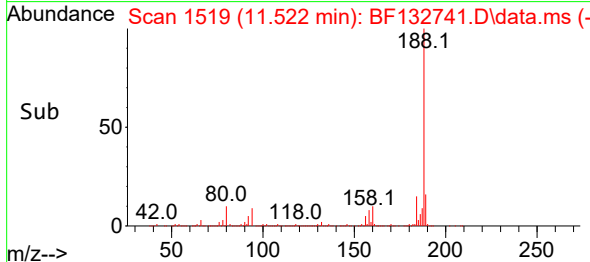
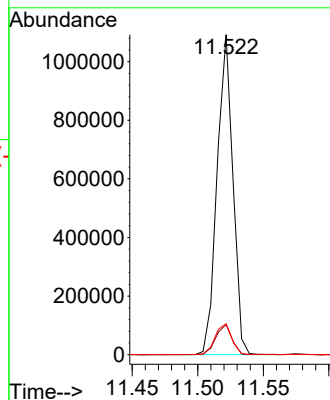
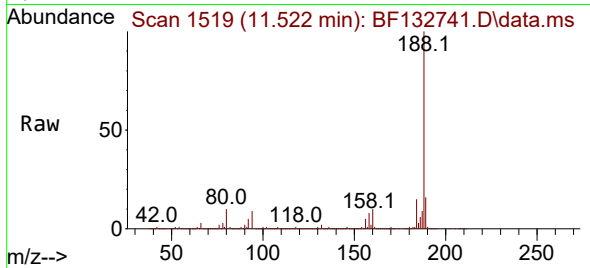




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.522 min Scan# 11522
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

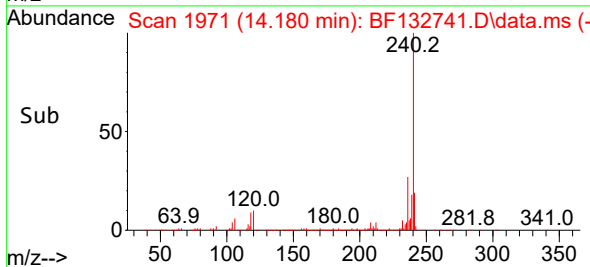
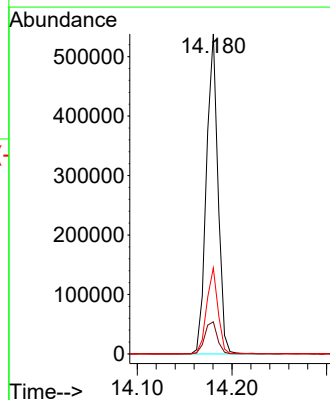
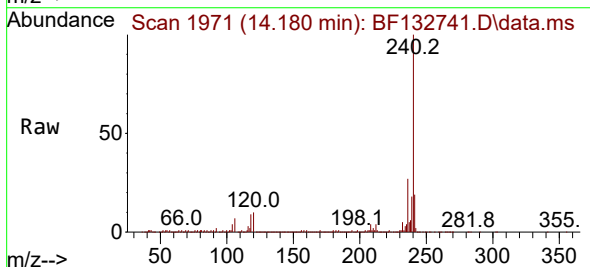
Instrument : BNA_F
ClientSampleId : 20230168-COMPOSITE-2-ELUTRIATE

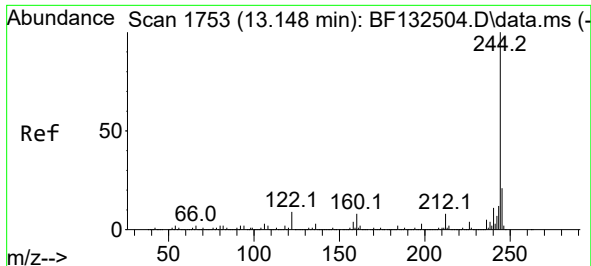
Tgt Ion:188 Resp: 915447
Ion Ratio Lower Upper
188 100
94 9.4 8.3 12.5
80 9.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion:240 Resp: 457374
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 26.9 21.8 32.6

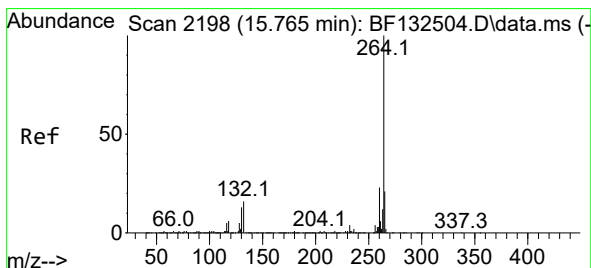
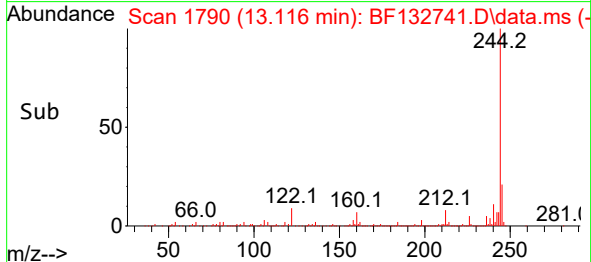
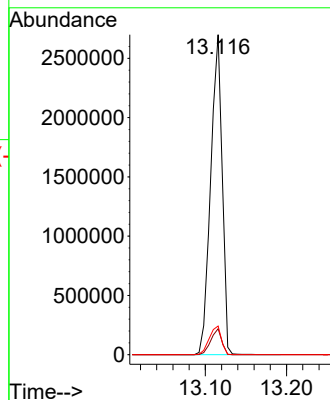
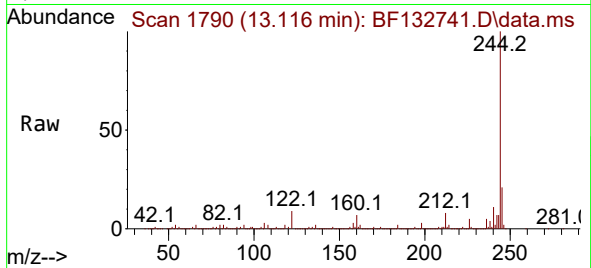




#79
Terphenyl-d14
Concen: 97.807 ng
RT: 13.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 2645834
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.0 7.5 11.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.721 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BF132741.D
Acq: 10 Mar 2023 14:59

Tgt Ion:264 Resp: 425911
Ion Ratio Lower Upper
264 100
260 23.5 18.8 28.2
265 21.3 17.1 25.7

