

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136744.D
 Acq On : 27 Dec 2023 04:17
 Operator : CG\JU
 Sample : 05602-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROUTE-4-TP-6

Quant Time: Dec 27 04:58:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	64881	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	213594	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	88127	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	162893	20.000	ng	0.00
76) Chrysene-d12	13.963	240	129228	20.000	ng	0.00
86) Perylene-d12	15.445	264	88010	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	317812	76.429	ng	0.00
7) Phenol-d6	6.428	99	374146	69.439	ng	-0.01
23) Nitrobenzene-d5	7.345	82	222540	53.314	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	72842	70.183	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	384103	58.621	ng	-0.01
79) Terphenyl-d14	12.904	244	400128	43.270	ng	-0.01

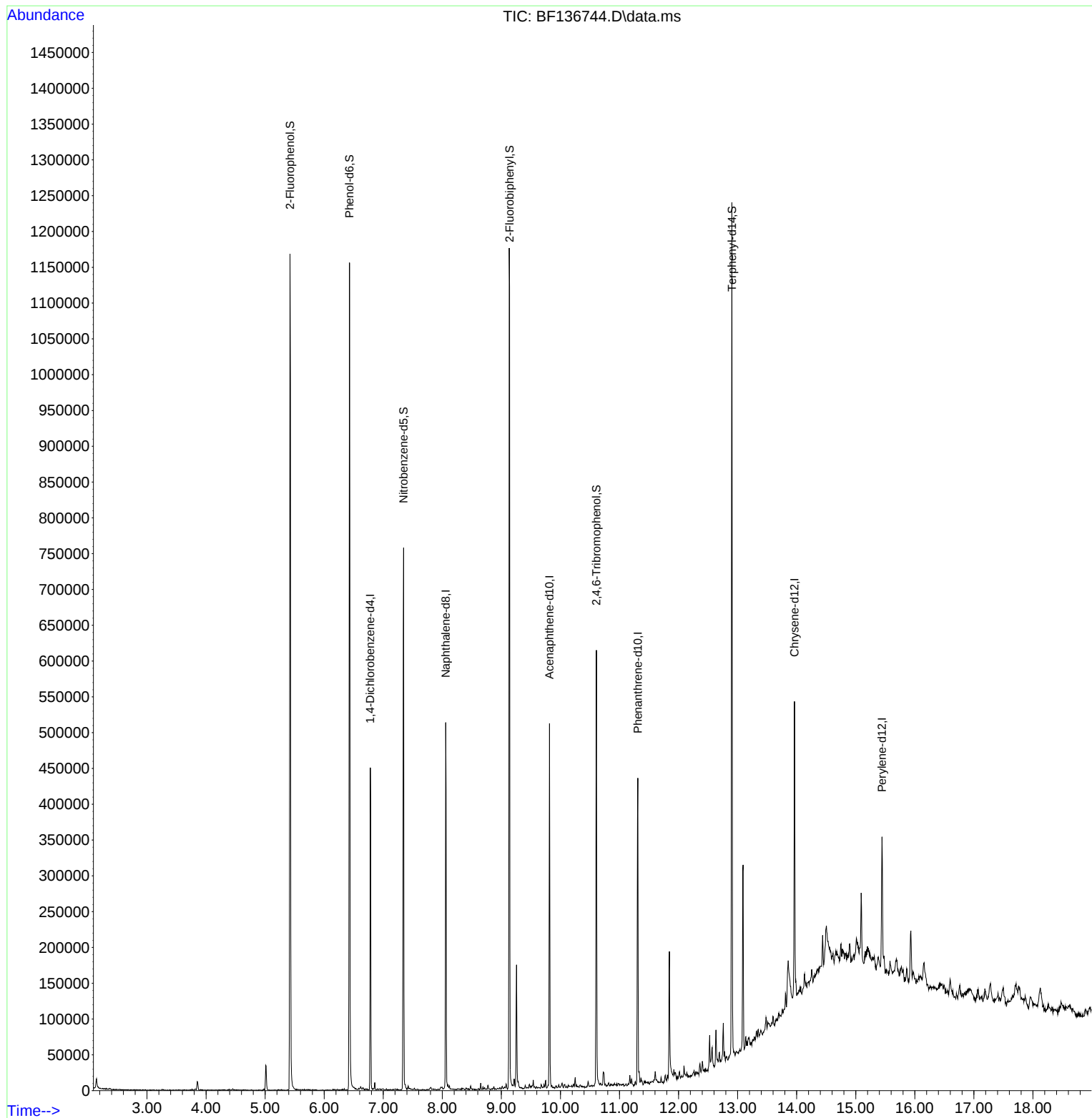
Target Compounds	Qvalue

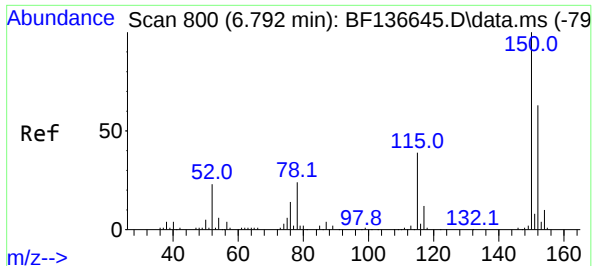
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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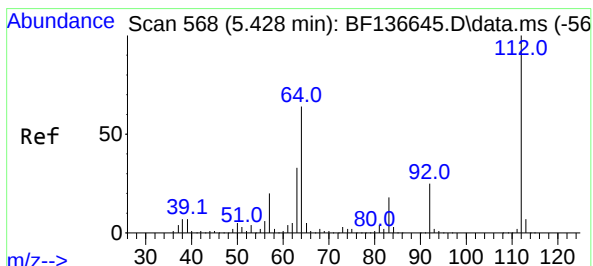
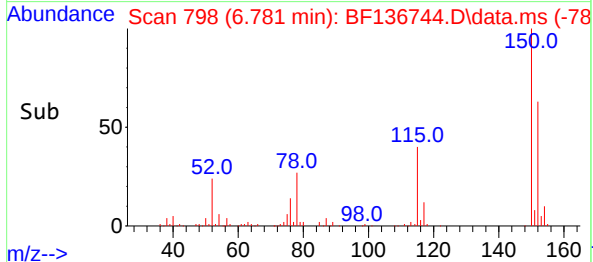
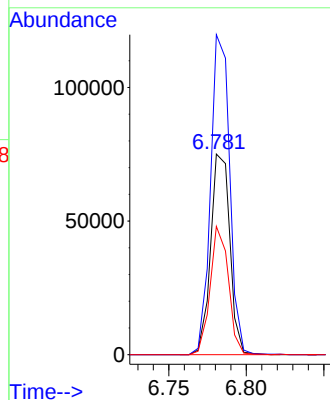
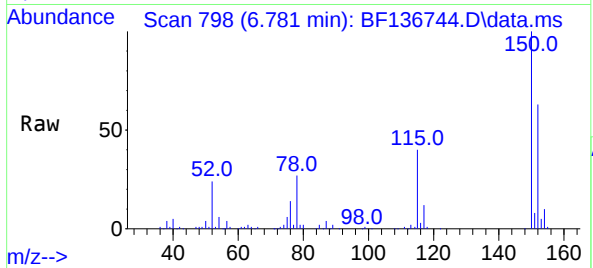




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

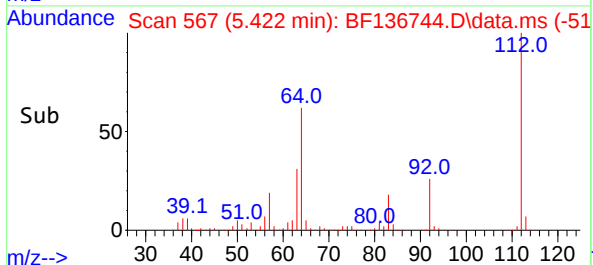
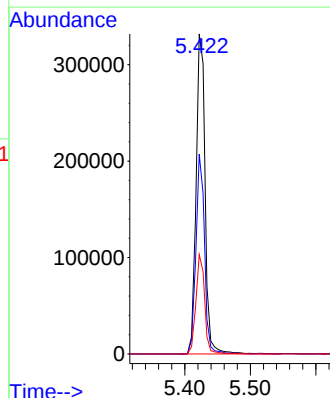
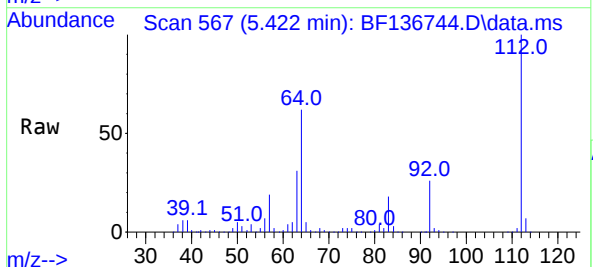
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-6

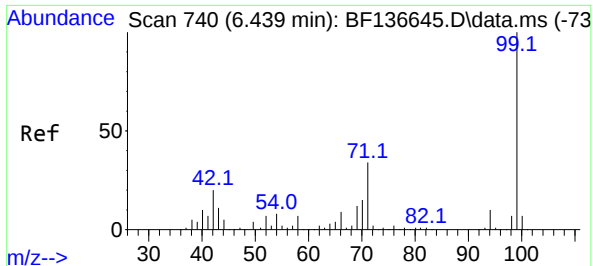
Tgt Ion:152 Resp: 64881
Ion Ratio Lower Upper
152 100
150 159.4 127.0 190.6
115 63.9 49.0 73.4



#5
2-Fluorophenol
Concen: 76.429 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

Tgt Ion:112 Resp: 317812
Ion Ratio Lower Upper
112 100
64 62.4 51.1 76.7
63 31.1 26.1 39.1

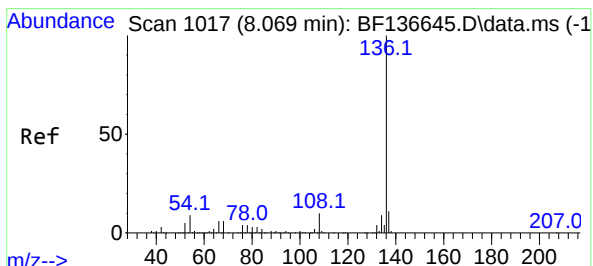
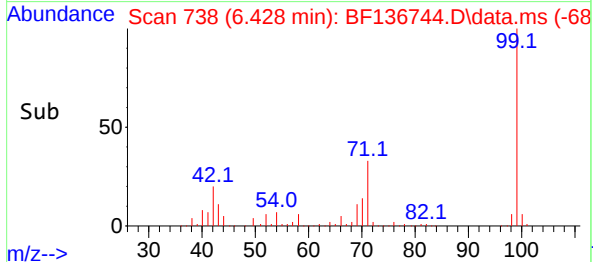
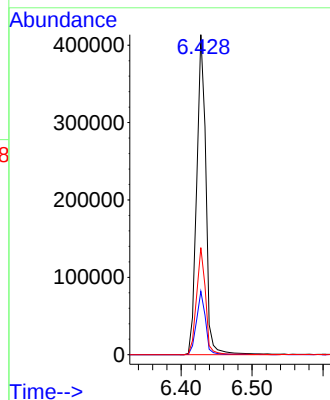
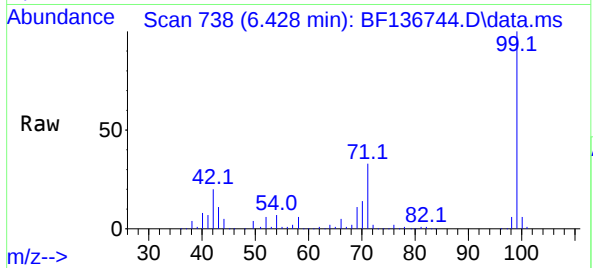




#7
Phenol-d6
Concen: 69.439 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

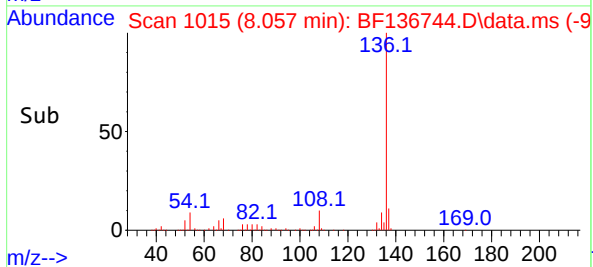
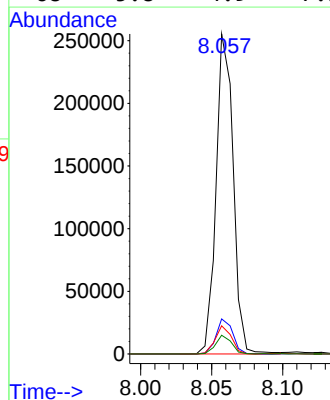
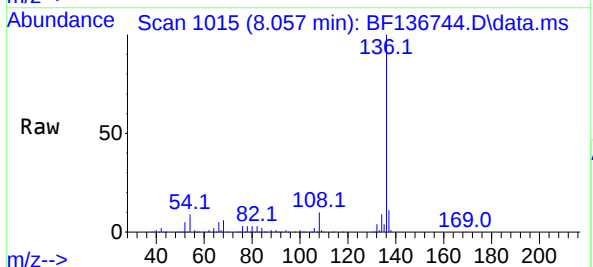
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-6

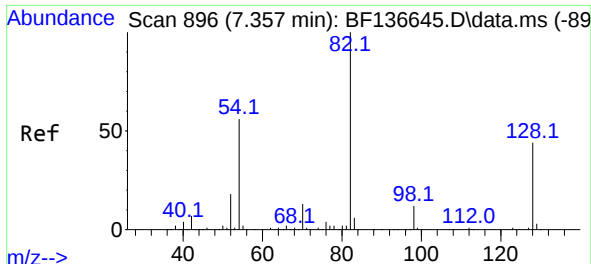
Tgt Ion: 99 Resp: 374146
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.5 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

Tgt Ion: 136 Resp: 213594
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.8 7.2 10.8
68 5.8 4.9 7.3

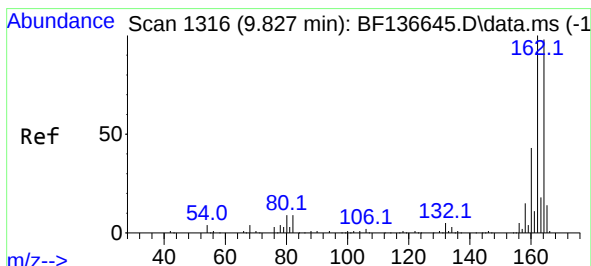
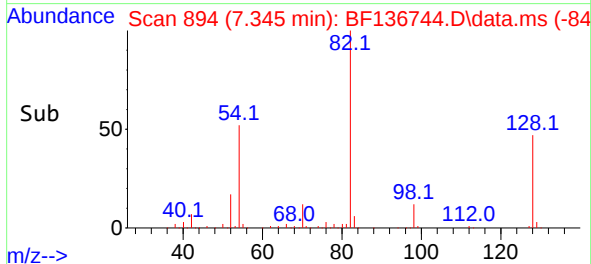
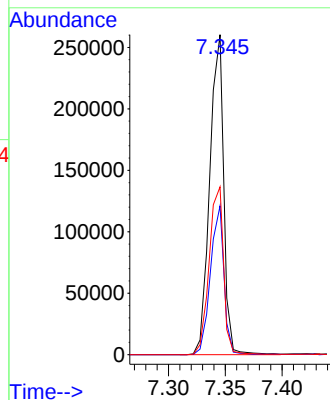
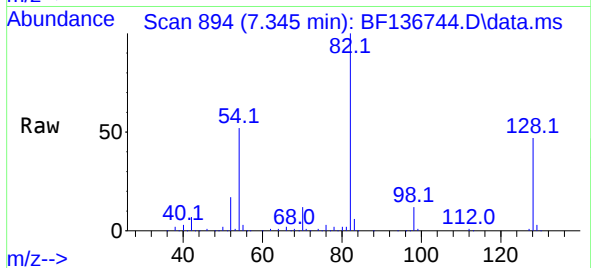




#23
Nitrobenzene-d5
Concen: 53.314 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

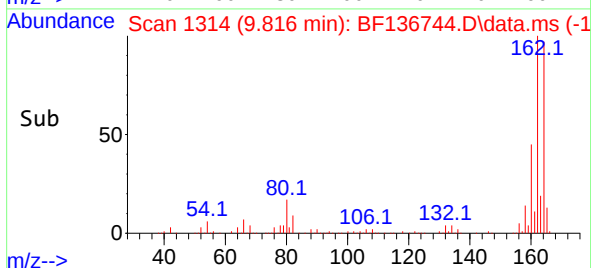
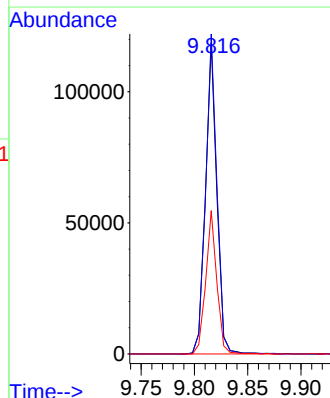
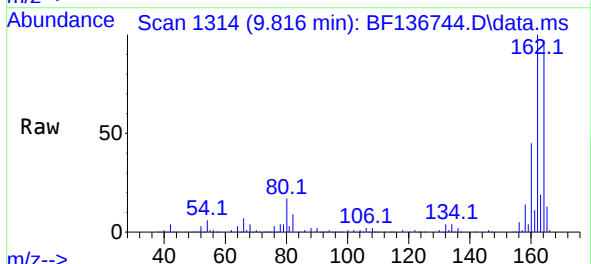
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-6

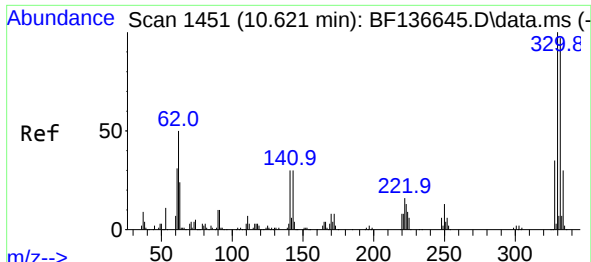
Tgt Ion: 82 Resp: 222540
Ion Ratio Lower Upper
82 100
128 46.5 35.3 52.9
54 52.4 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

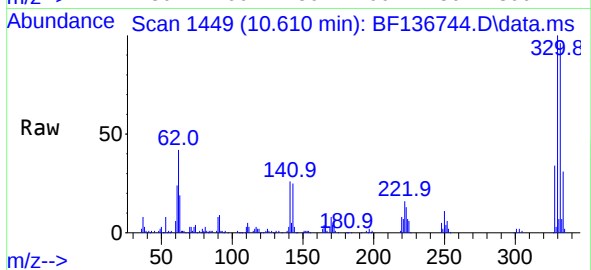
Tgt Ion:164 Resp: 88127
Ion Ratio Lower Upper
164 100
162 102.9 81.6 122.4
160 46.1 34.9 52.3



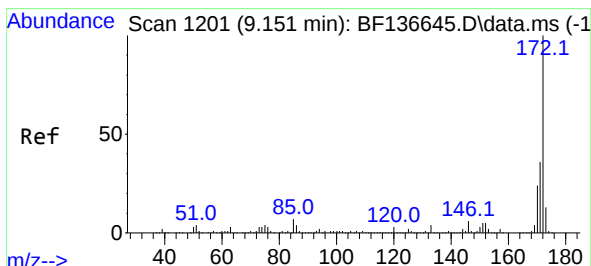
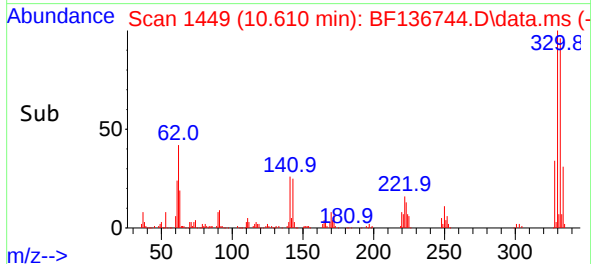
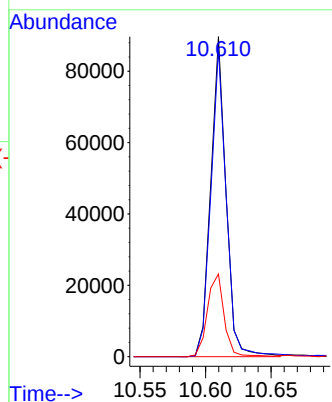


#42
2,4,6-Tribromophenol
Concen: 70.183 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-6

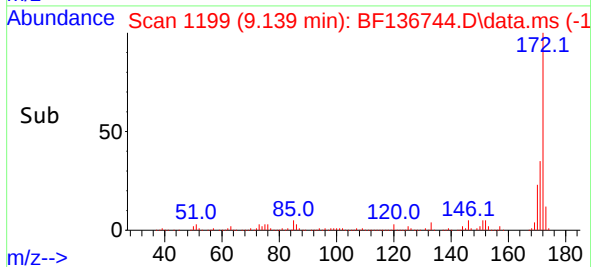
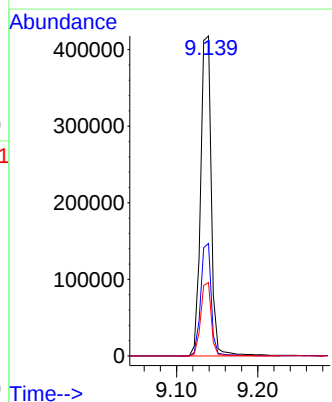
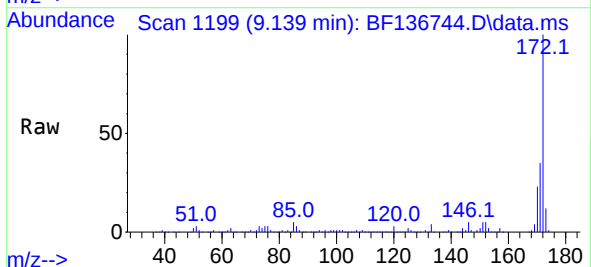


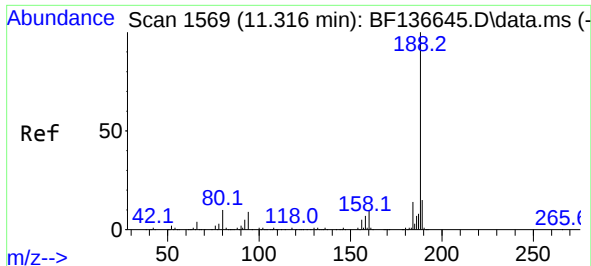
Tgt Ion:330 Resp: 72842
Ion Ratio Lower Upper
330 100
332 97.6 77.4 116.0
141 28.3 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 58.621 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

Tgt Ion:172 Resp: 384103
Ion Ratio Lower Upper
172 100
171 35.1 29.0 43.6
170 23.0 19.0 28.4

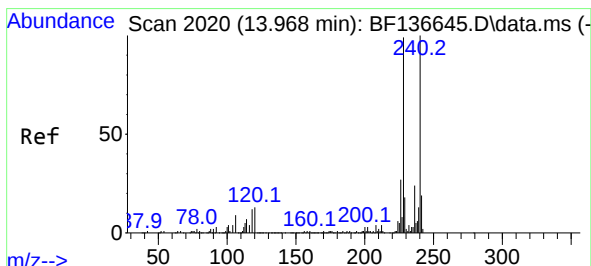
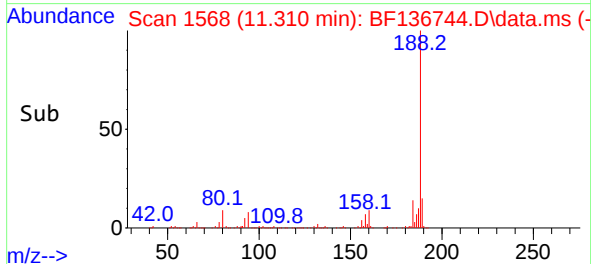
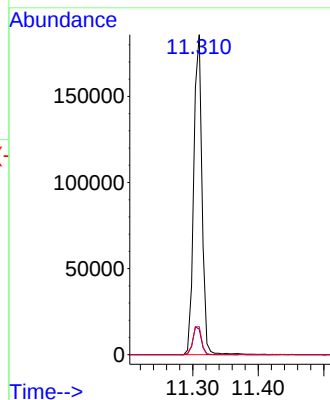
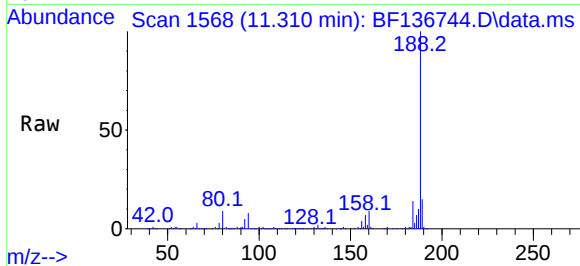




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

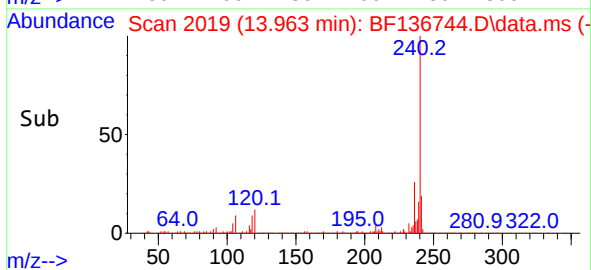
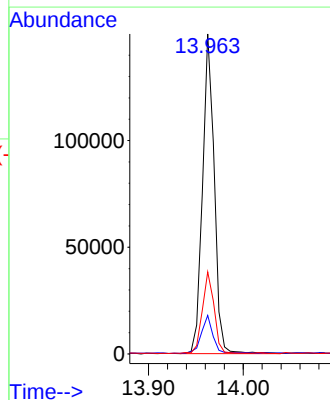
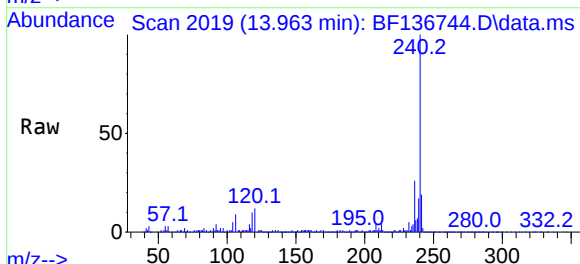
Instrument :
BNA_F
ClientSampleId :
ROUTE-4-TP-6

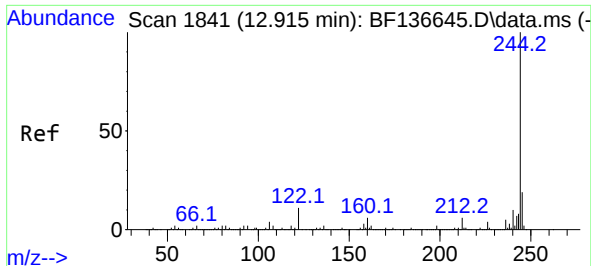
Tgt Ion:188 Resp: 162893
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136744.D
Acq: 27 Dec 2023 04:17

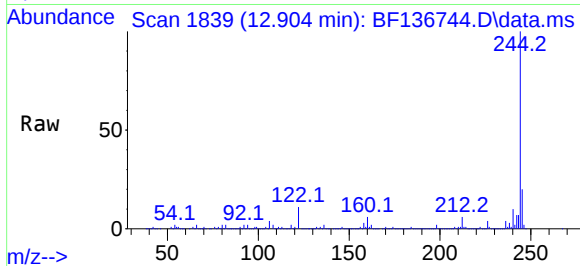
Tgt Ion:240 Resp: 129228
Ion Ratio Lower Upper
240 100
120 12.1 10.3 15.5
236 25.6 19.4 29.2



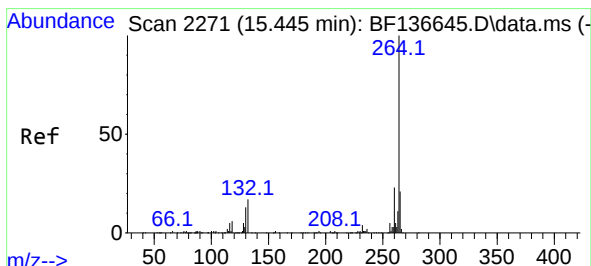
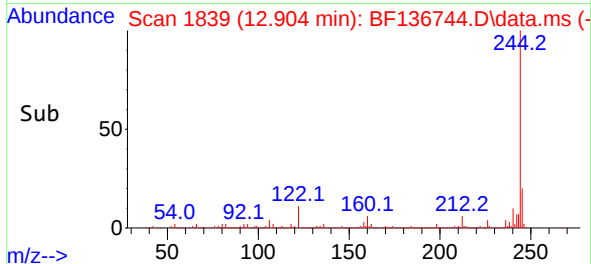
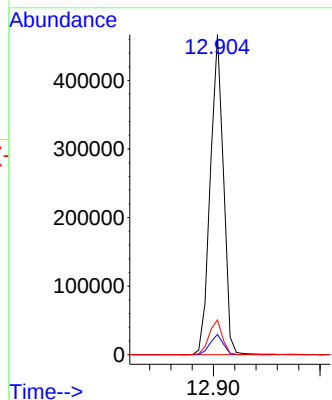


#79
 Terphenyl-d14
 Concen: 43.270 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136744.D
 Acq: 27 Dec 2023 04:17

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 400128
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 10.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136744.D
 Acq: 27 Dec 2023 04:17

Tgt Ion:264 Resp: 88010
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 23.0 17.0 25.6

