

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141686.D
 Acq On : 19 Feb 2025 20:39
 Operator : RC/JU
 Sample : Q1383-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-11-021725

Quant Time: Feb 20 00:14:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88276	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	353732	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	190080	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	316714	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	169195	20.000	ng	-0.03
86) Perylene-d12	15.380	264	172083	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	459658	81.633	ng	0.00
7) Phenol-d6	6.416	99	570257	80.128	ng	-0.02
23) Nitrobenzene-d5	7.339	82	374170	55.172	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	141077	73.884	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	713461	57.828	ng	-0.02
79) Terphenyl-d14	12.880	244	667649	66.616	ng	-0.02

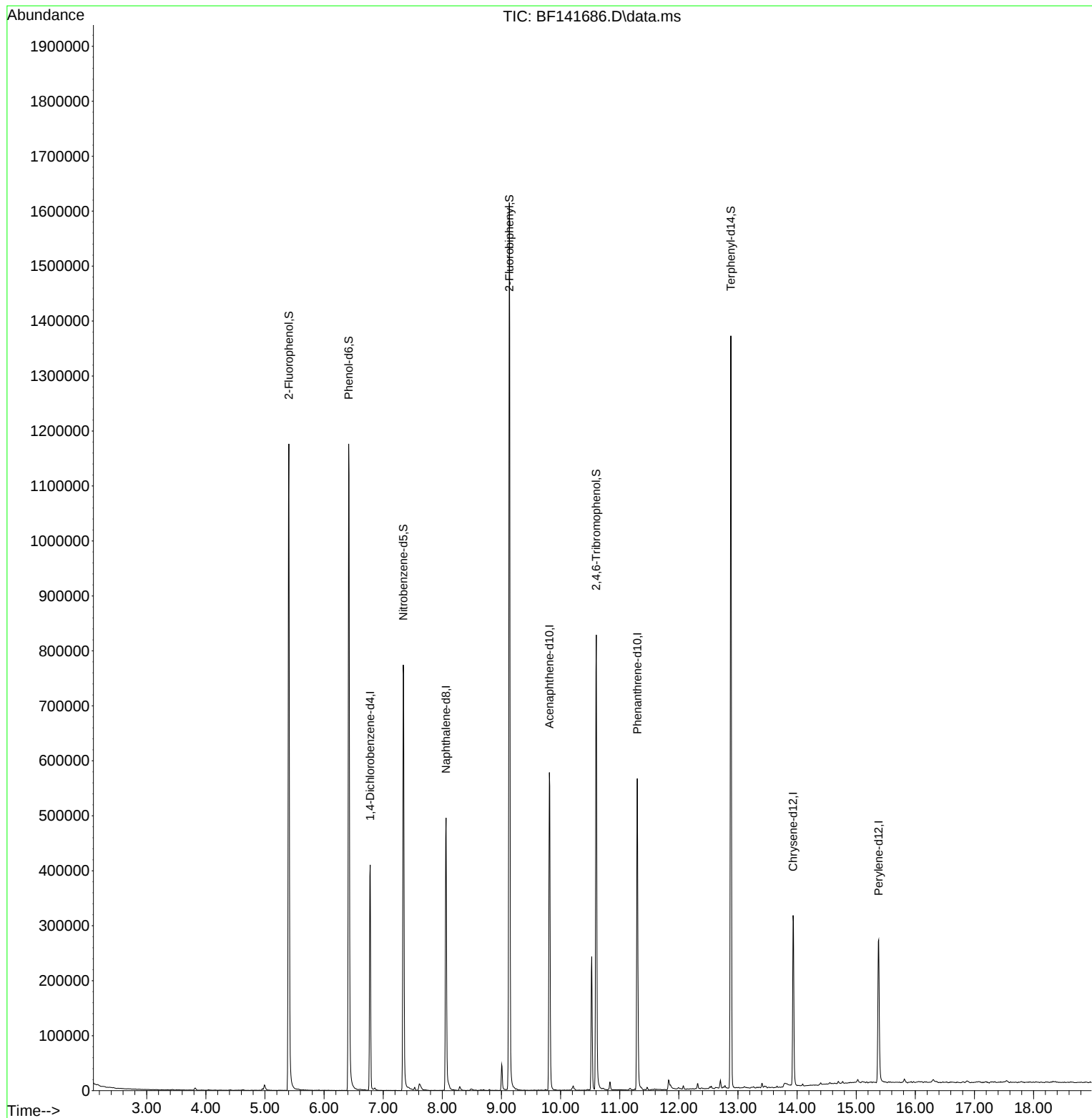
Target Compounds	Qvalue

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

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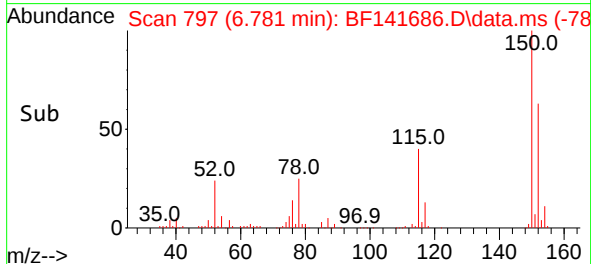
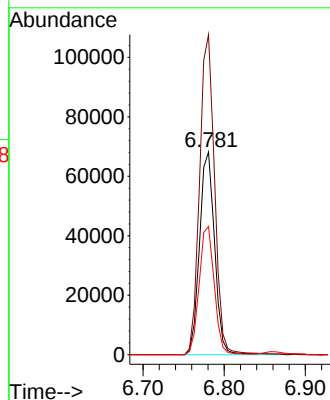
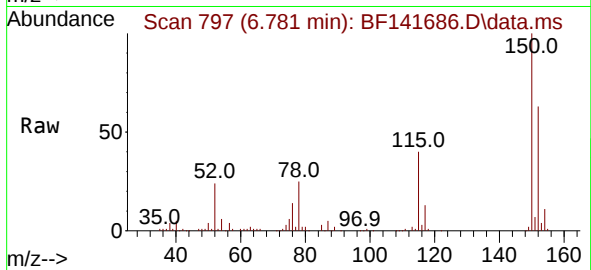




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141686.D
 Acq: 19 Feb 2025 20:39

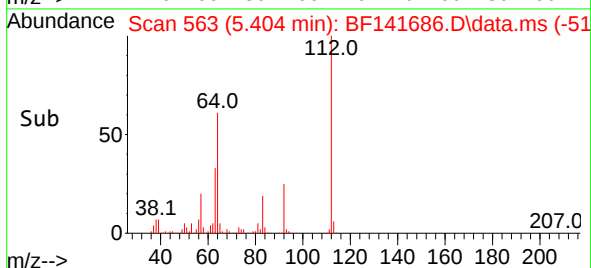
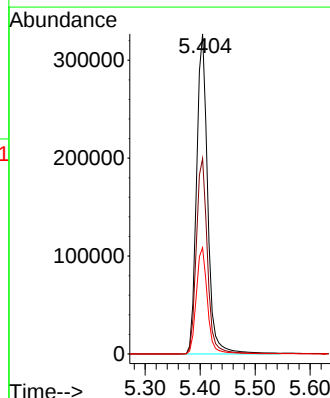
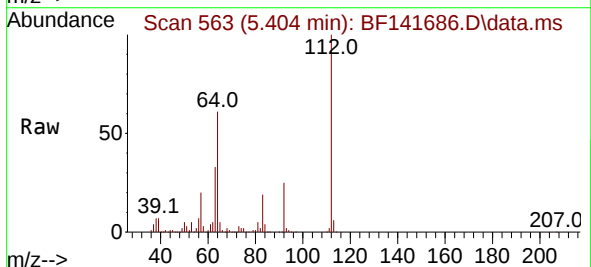
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-11-021725

Tgt Ion:152 Resp: 88276
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.0 187.4
 115 63.2 53.6 80.4



#5
 2-Fluorophenol
 Concen: 81.633 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141686.D
 Acq: 19 Feb 2025 20:39

Tgt Ion:112 Resp: 459658
 Ion Ratio Lower Upper
 112 100
 64 61.1 51.1 76.7
 63 33.2 28.4 42.6

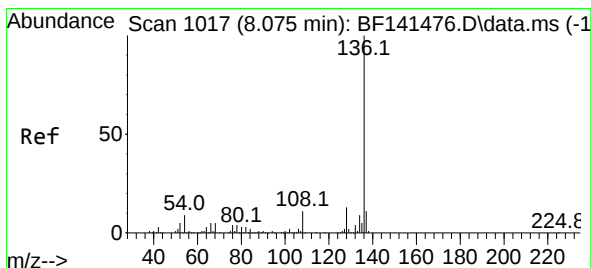
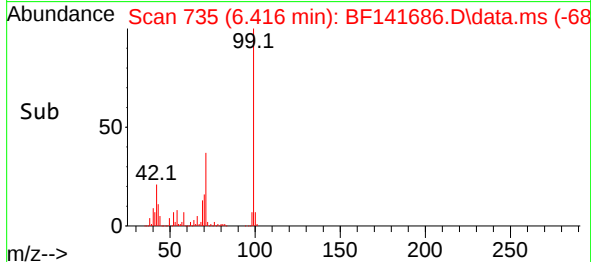
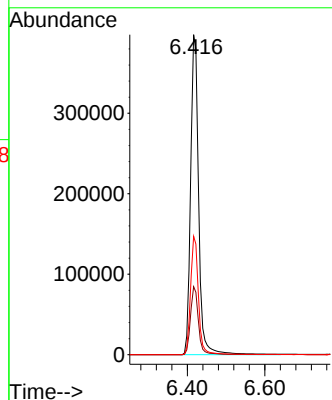
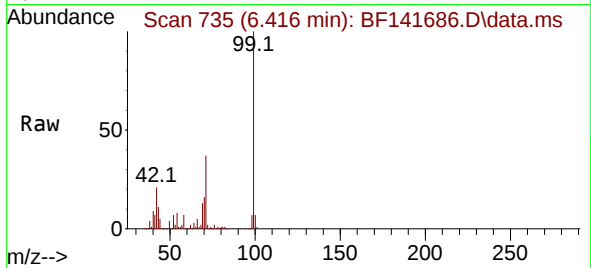




#7
Phenol-d6
Concen: 80.128 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

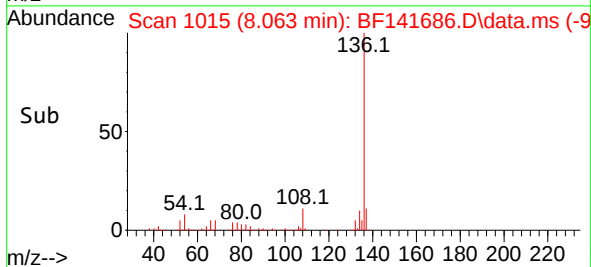
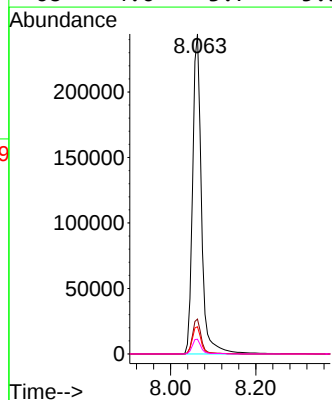
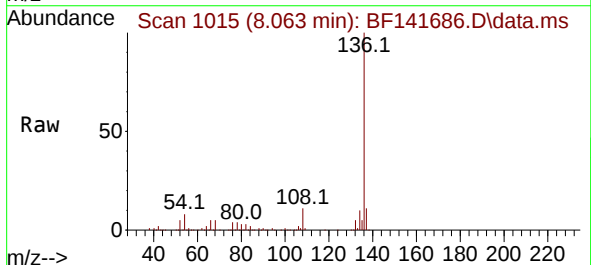
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion: 99 Resp: 570257
Ion Ratio Lower Upper
99 100
42 21.3 19.1 28.7
71 37.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Tgt Ion: 136 Resp: 353732
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 7.2 10.8
68 4.6 3.7 5.5

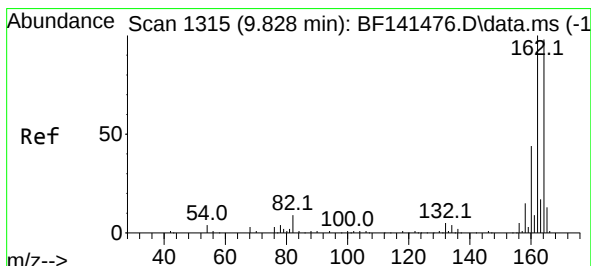
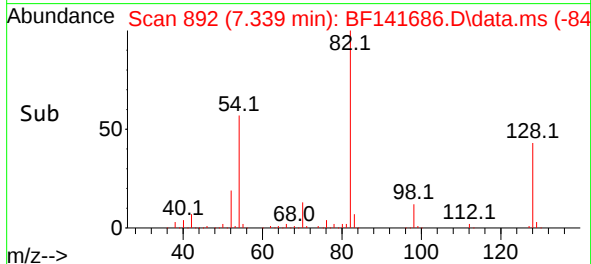
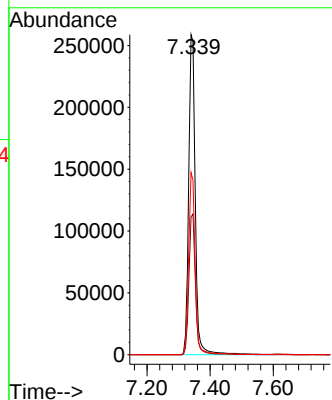
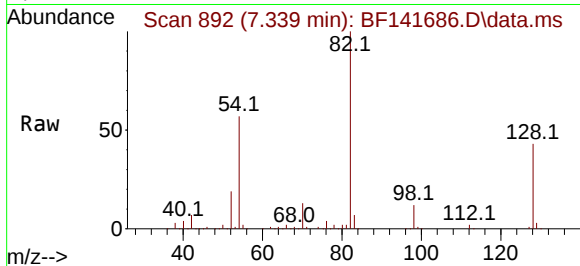




#23
Nitrobenzene-d5
Concen: 55.172 ng
RT: 7.339 min Scan# 891
Delta R.T. -0.023 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

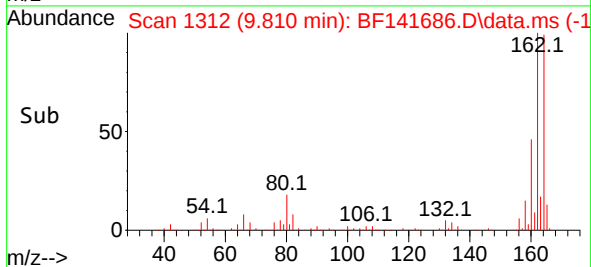
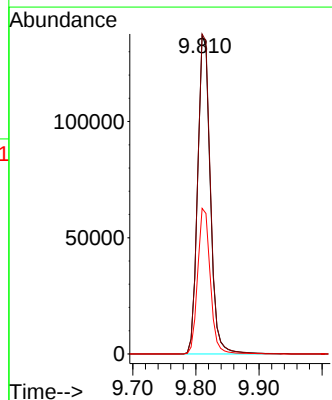
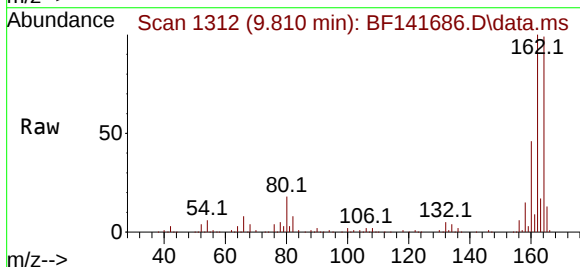
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion: 82 Resp: 374170
Ion Ratio Lower Upper
82 100
128 43.0 34.8 52.2
54 56.9 48.2 72.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Tgt Ion:164 Resp: 190080
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 45.7 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 73.884 ng

RT: 10.604 min Scan# 1450

Delta R.T. -0.023 min

Lab File: BF141686.D

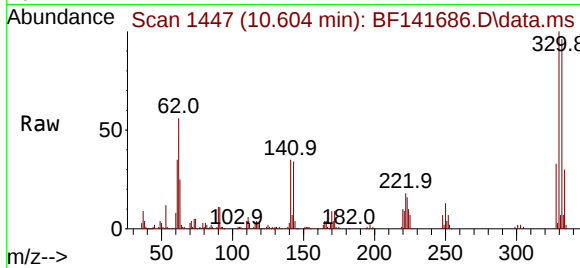
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Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-11-021725



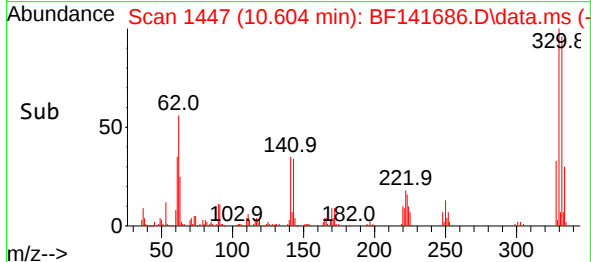
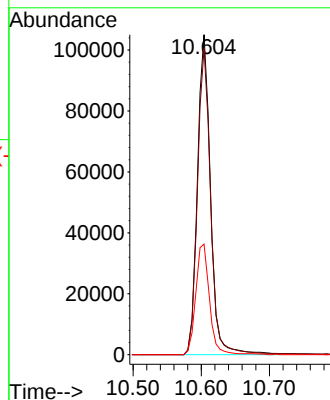
Tgt Ion:330 Resp: 141077

Ion Ratio Lower Upper

330 100

332 96.5 78.5 117.7

141 36.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 57.828 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141686.D

Acq: 19 Feb 2025 20:39

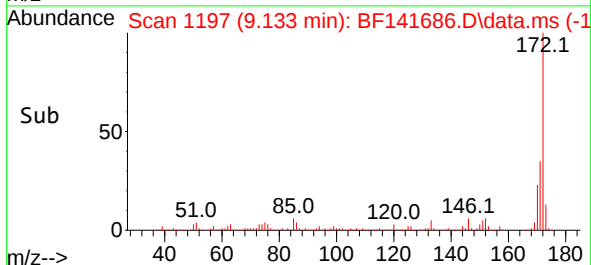
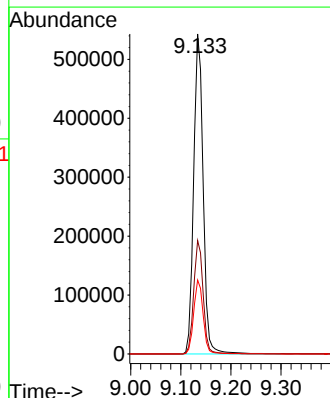
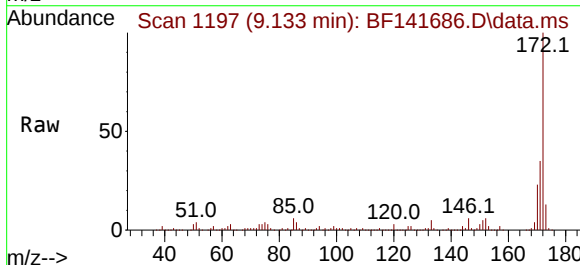
Tgt Ion:172 Resp: 713461

Ion Ratio Lower Upper

172 100

171 35.4 28.7 43.1

170 23.1 18.9 28.3

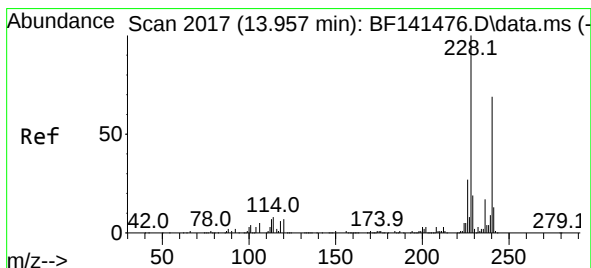
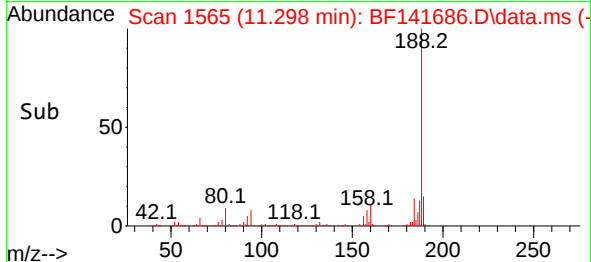
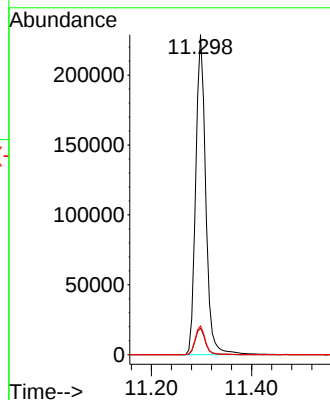
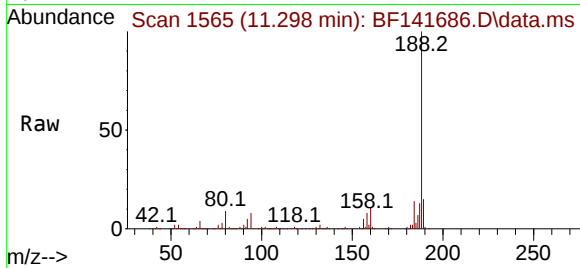




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

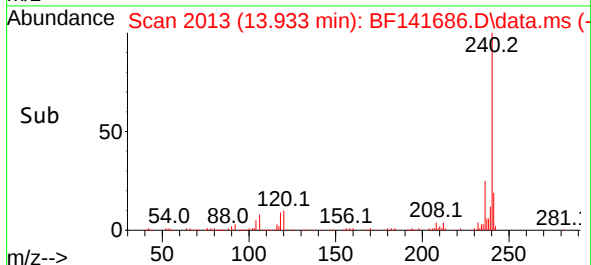
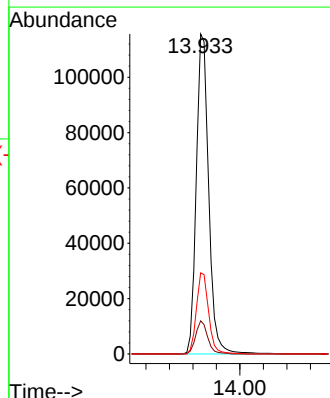
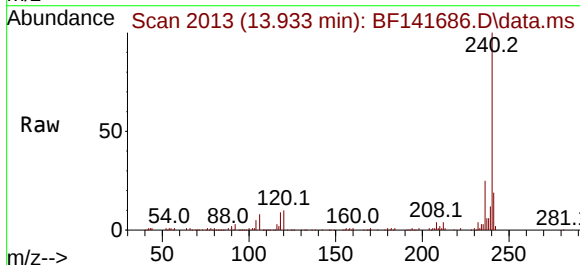
Instrument :
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ClientSampleId :
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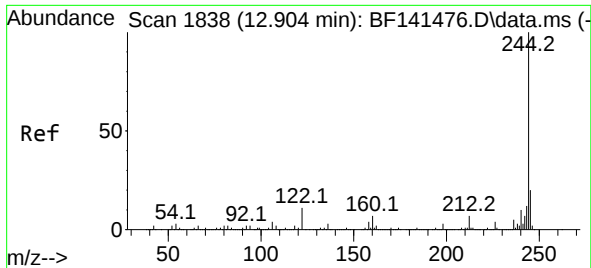
Tgt Ion:188 Resp: 316714
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 9.0 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.029 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

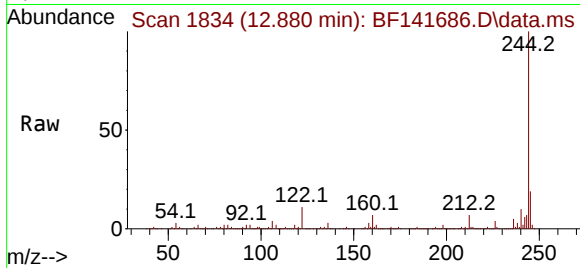
Tgt Ion:240 Resp: 169195
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.3 19.8 29.8



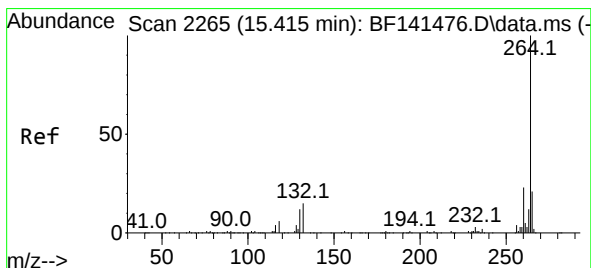
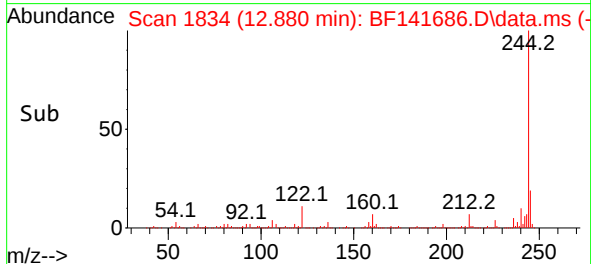
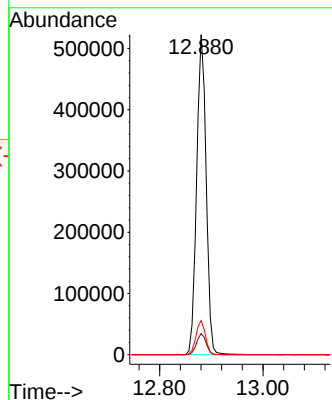


#79
 Terphenyl-d14
 Concen: 66.616 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141686.D
 Acq: 19 Feb 2025 20:39

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-11-021725



Tgt Ion:244 Resp: 667649
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2259
 Delta R.T. -0.035 min
 Lab File: BF141686.D
 Acq: 19 Feb 2025 20:39

Tgt Ion:264 Resp: 172083
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.4 17.0 25.4

