

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013125\
 Data File : BF141356.D
 Acq On : 01 Feb 2025 02:17
 Operator : RC/JU
 Sample : Q1243-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-01302025

Quant Time: Feb 01 03:02:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

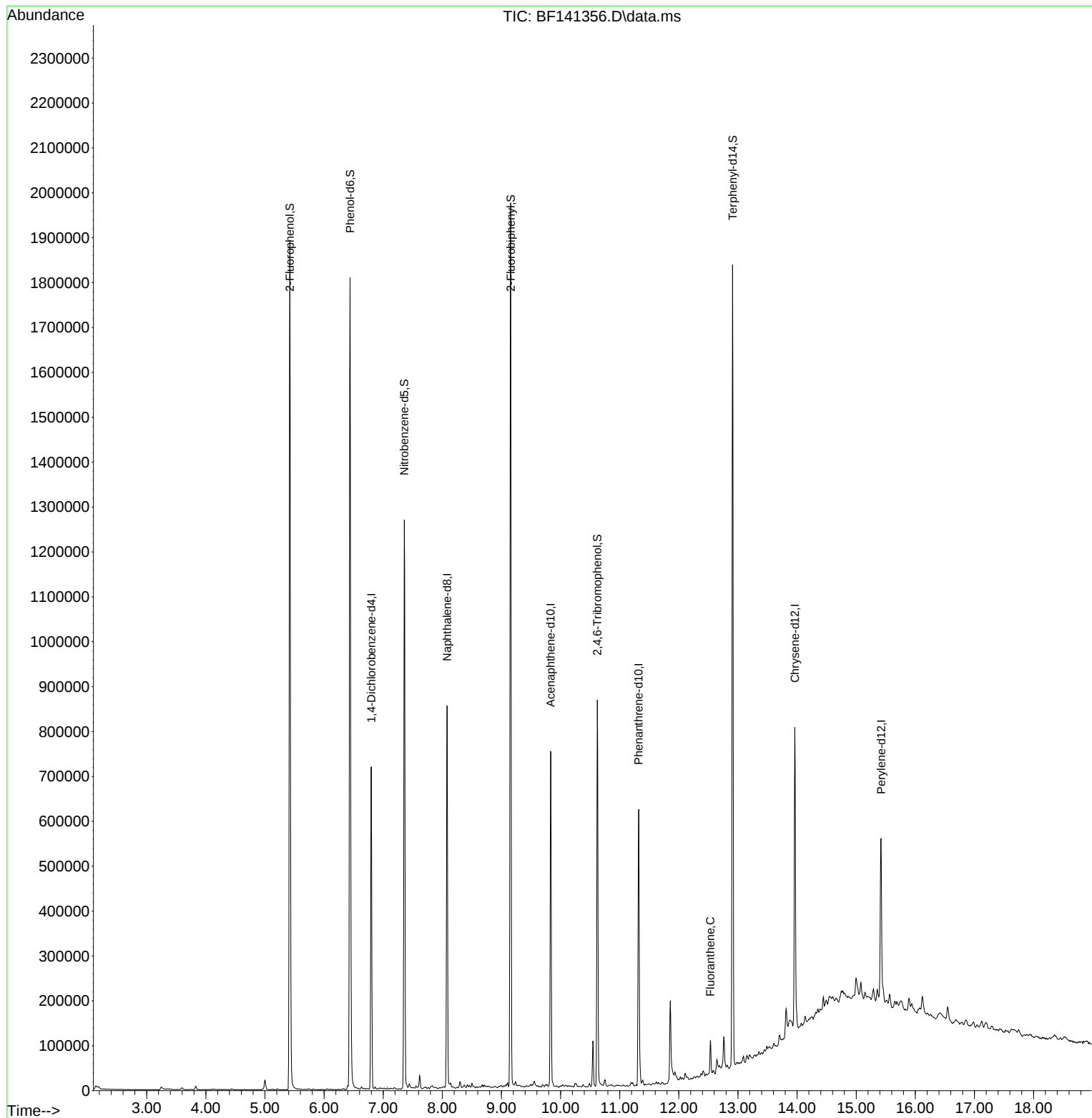
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	140912	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	515881	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	212454	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	306429	20.000	ng	0.00
76) Chrysene-d12	13.963	240	307669	20.000	ng	-0.01
86) Perylene-d12	15.421	264	216484	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	727027	79.208	ng	0.01
7) Phenol-d6	6.440	99	864728	74.057	ng	0.00
23) Nitrobenzene-d5	7.357	82	540051	55.186	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	133754	68.672	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	870295	63.051	ng	0.00
79) Terphenyl-d14	12.910	244	863362	43.276	ng	0.00
Target Compounds						
75) Fluoranthene	12.533	202	42365	2.605	ng	Qvalue 99

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

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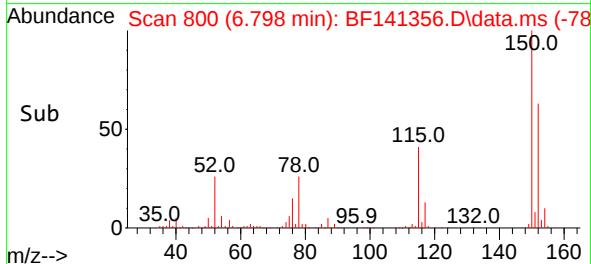
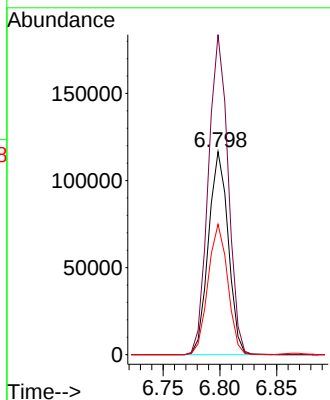
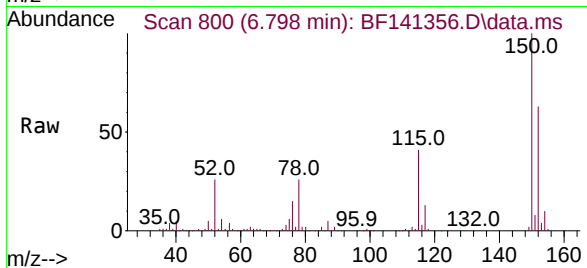




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141356.D
 Acq: 01 Feb 2025 02:17

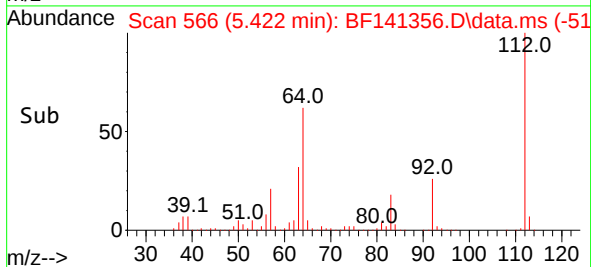
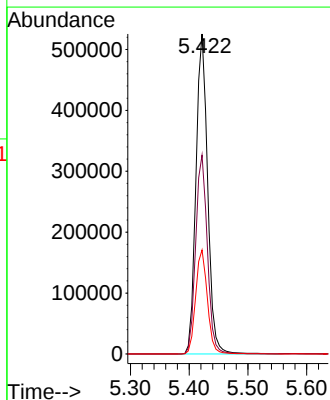
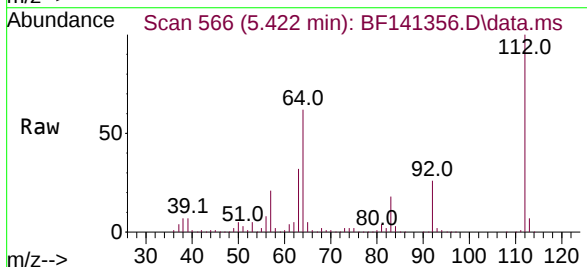
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-01302025

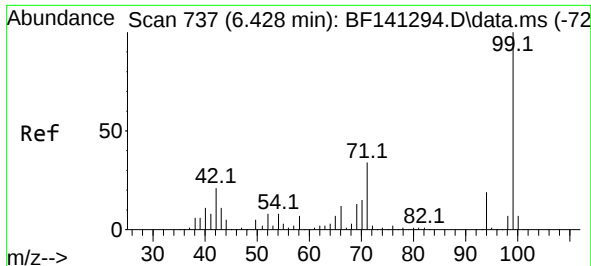
Tgt Ion:152 Resp: 140912
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.9 188.9
 115 64.3 49.7 74.5



#5
 2-Fluorophenol
 Concen: 79.208 ng
 RT: 5.422 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF141356.D
 Acq: 01 Feb 2025 02:17

Tgt Ion:112 Resp: 727027
 Ion Ratio Lower Upper
 112 100
 64 62.1 49.8 74.8
 63 32.5 26.1 39.1

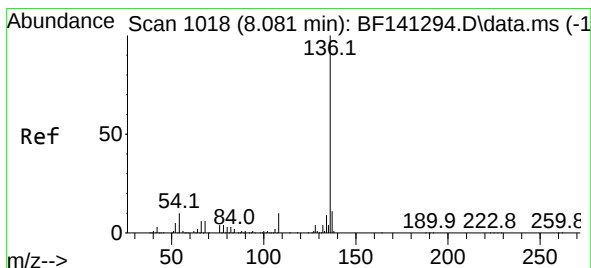
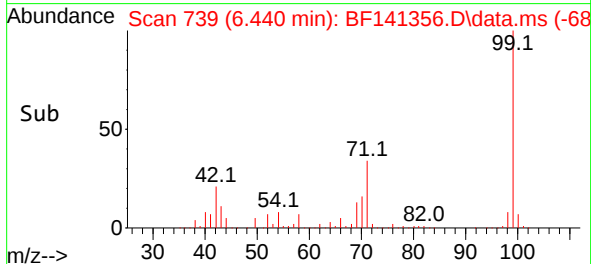
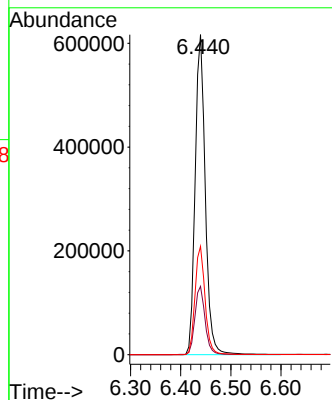
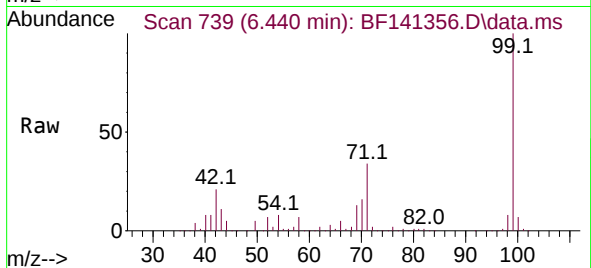




#7
Phenol-d6
Concen: 74.057 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

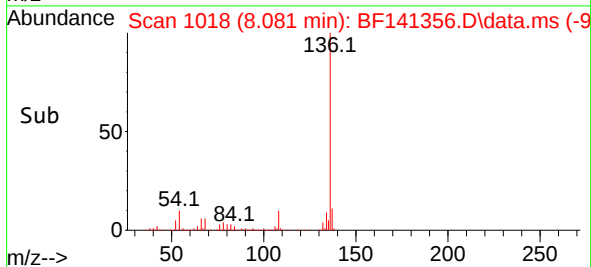
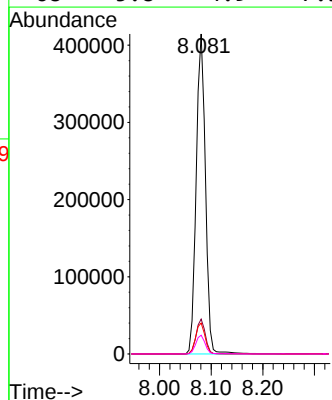
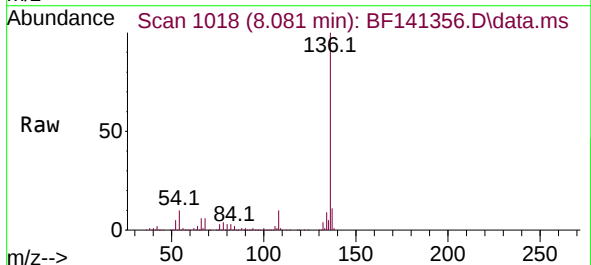
Instrument :
BNA_F
ClientSampleId :
CL-01-01302025

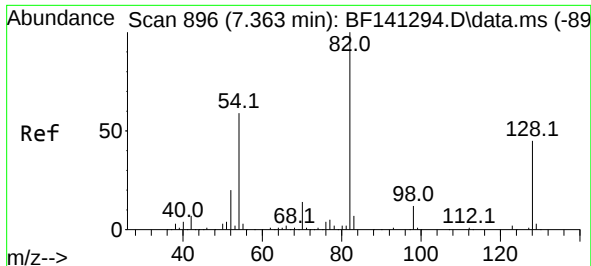
Tgt Ion: 99 Resp: 864728
Ion Ratio Lower Upper
99 100
42 21.4 17.1 25.7
71 33.8 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Tgt Ion: 136 Resp: 515881
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.7 7.8 11.8
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 55.186 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF141356.D

Acq: 01 Feb 2025 02:17

Instrument :

BNA_F

ClientSampleId :

CL-01-01302025

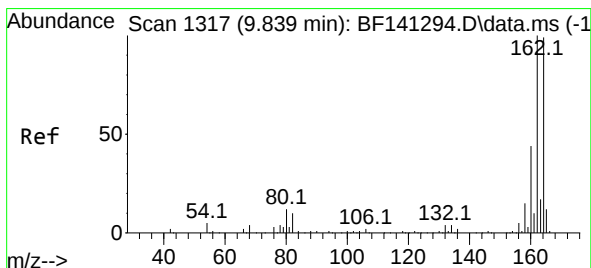
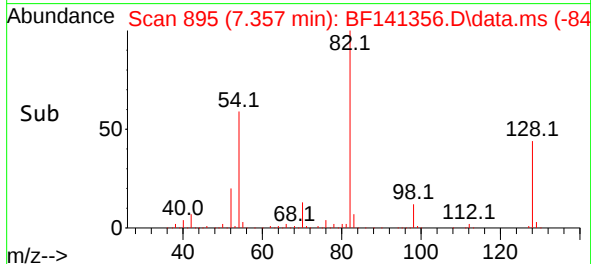
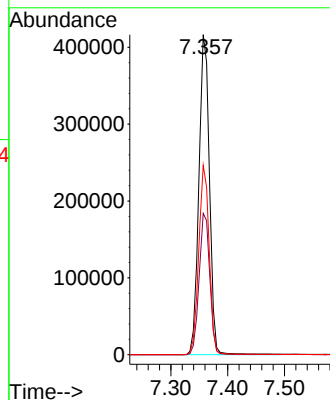
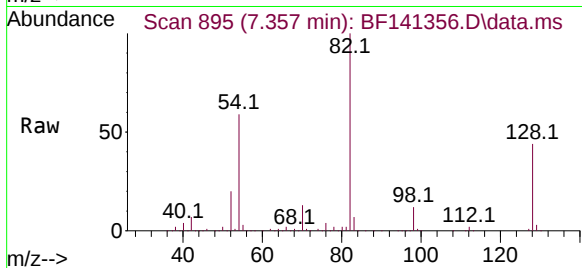
Tgt Ion: 82 Resp: 540051

Ion Ratio Lower Upper

82 100

128 44.1 35.7 53.5

54 59.2 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF141356.D

Acq: 01 Feb 2025 02:17

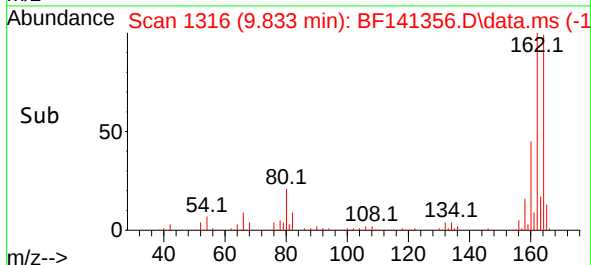
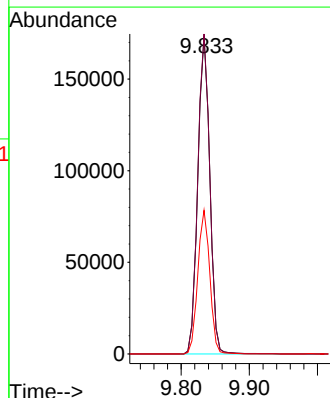
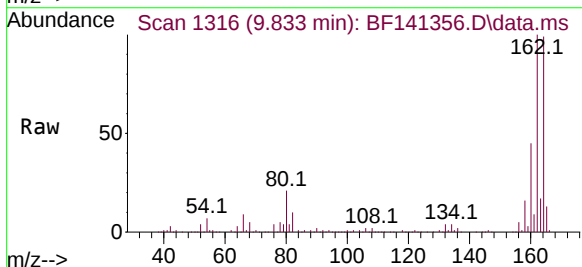
Tgt Ion:164 Resp: 212454

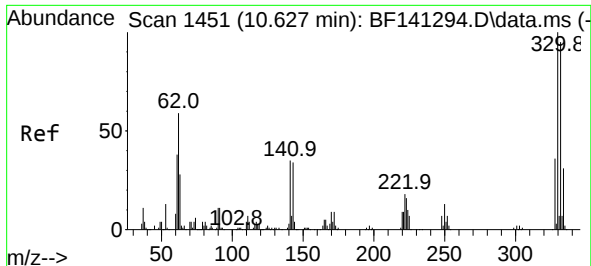
Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

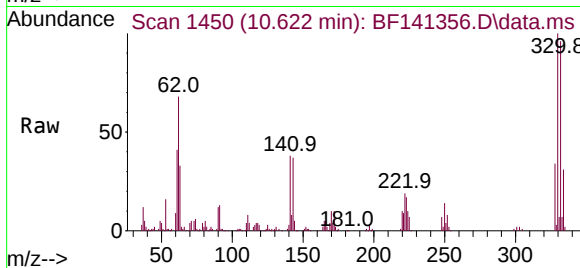
160 45.3 35.8 53.6



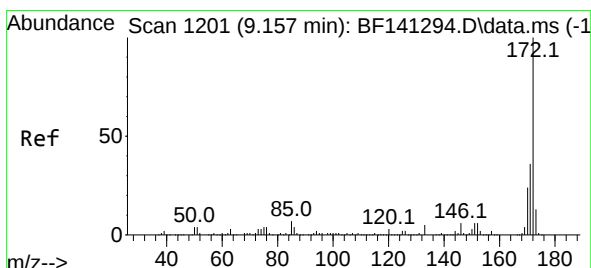
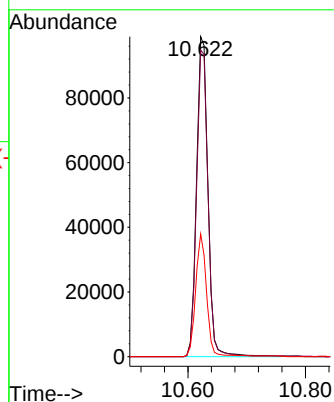
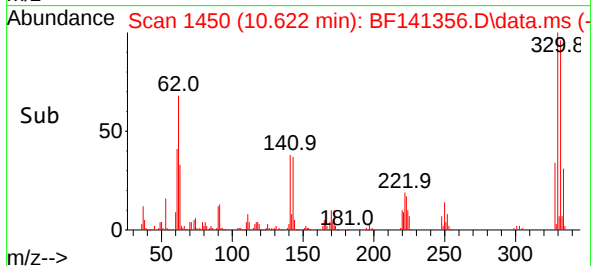


#42
2,4,6-Tribromophenol
Concen: 68.672 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

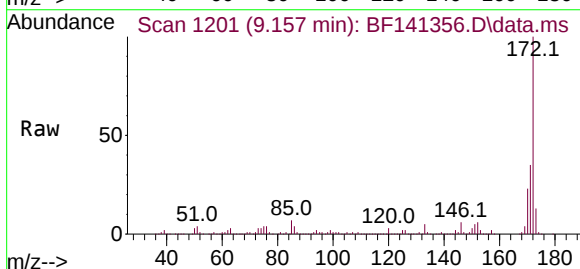
Instrument :
BNA_F
ClientSampleId :
CL-01-01302025



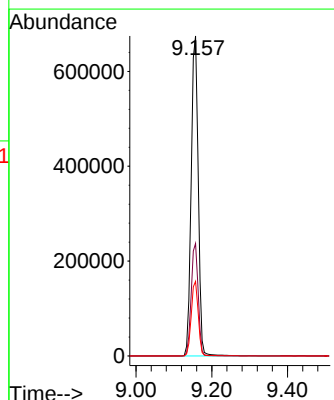
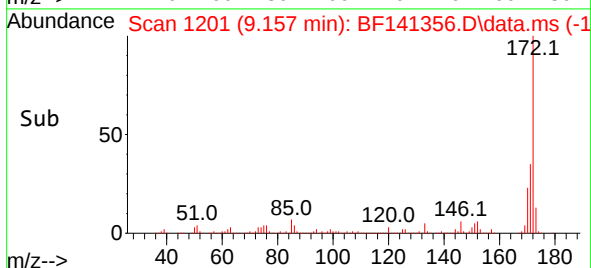
Tgt Ion:330 Resp: 133754
Ion Ratio Lower Upper
330 100
332 95.4 76.1 114.1
141 36.8 28.8 43.2

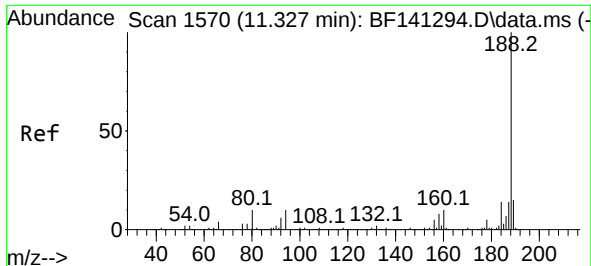


#45
2-Fluorobiphenyl
Concen: 63.051 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17



Tgt Ion:172 Resp: 870295
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 23.3 19.0 28.6

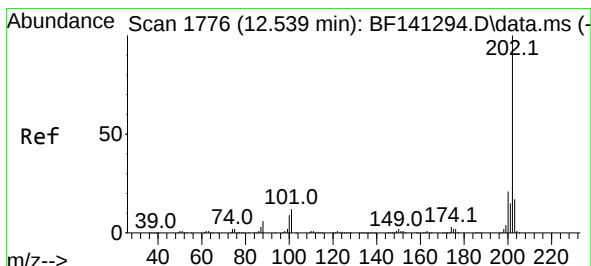
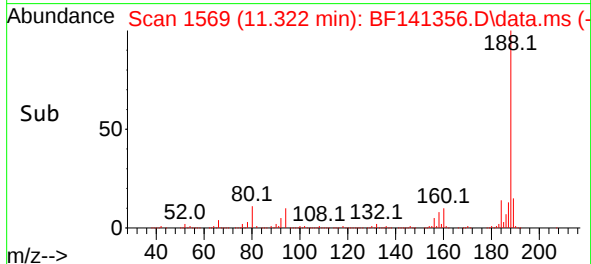
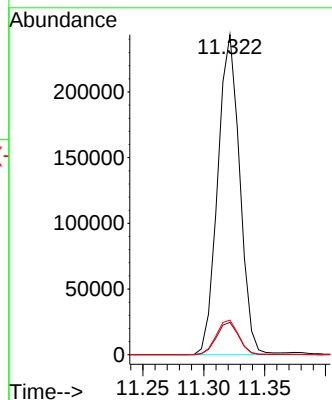
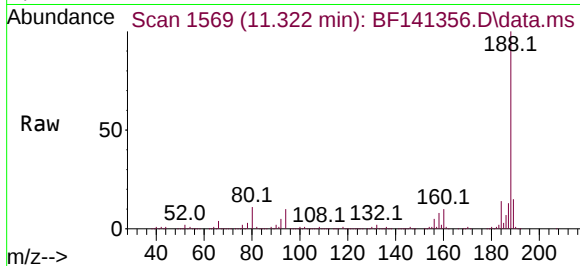




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

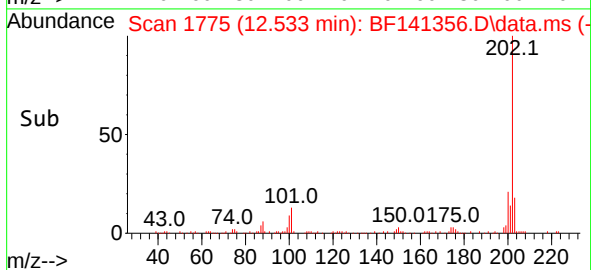
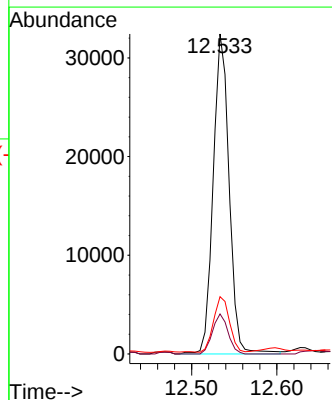
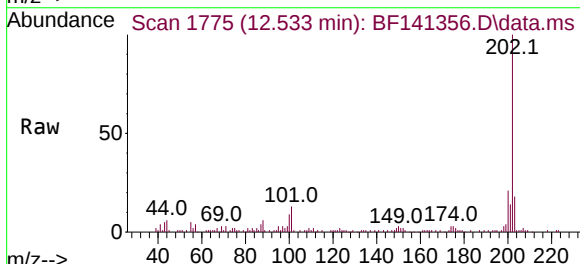
Instrument :
BNA_F
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CL-01-01302025

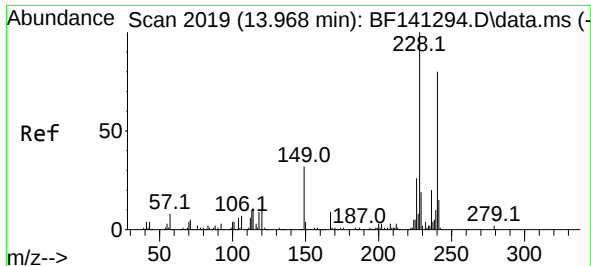
Tgt Ion:188 Resp: 306429
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.8 8.2 12.4



#75
Fluoranthene
Concen: 2.605 ng
RT: 12.533 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Tgt Ion:202 Resp: 42365
Ion Ratio Lower Upper
202 100
101 12.5 0.0 31.7
203 17.9 0.0 37.5

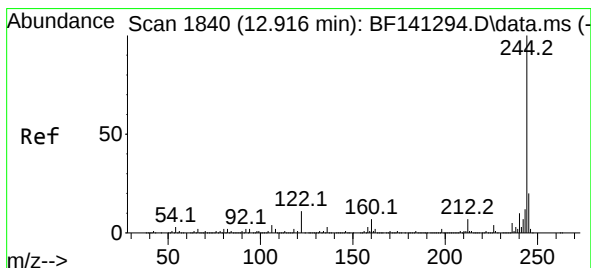
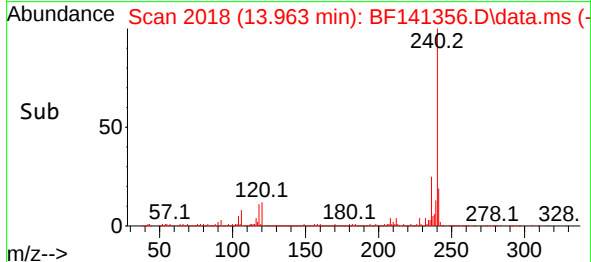
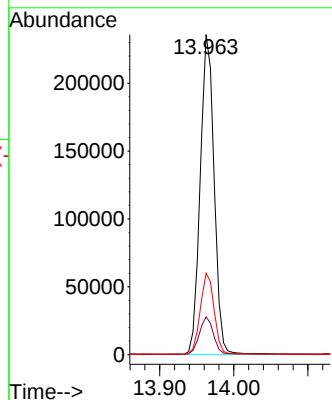
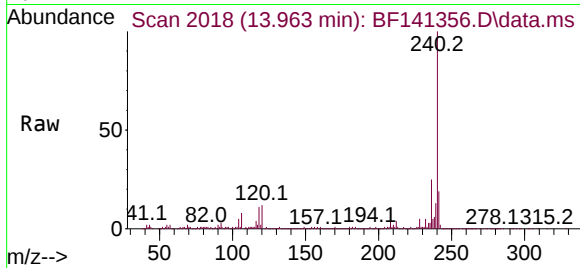




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

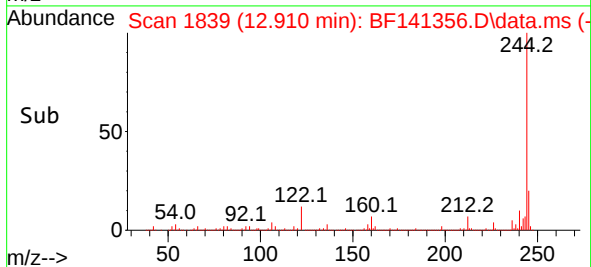
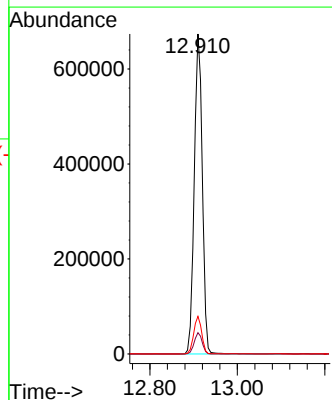
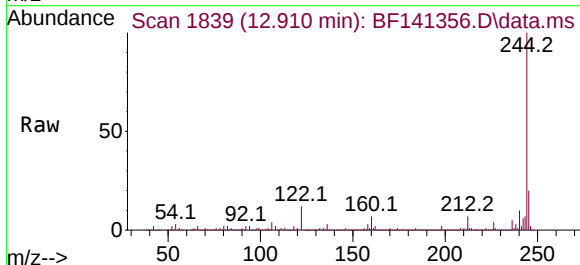
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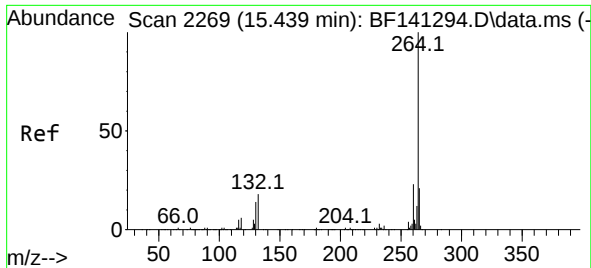
Tgt Ion:240 Resp: 307669
Ion Ratio Lower Upper
240 100
120 11.9 10.0 15.0
236 25.4 19.7 29.5



#79
Terphenyl-d14
Concen: 43.276 ng
RT: 12.910 min Scan# 1839
Delta R.T. -0.006 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

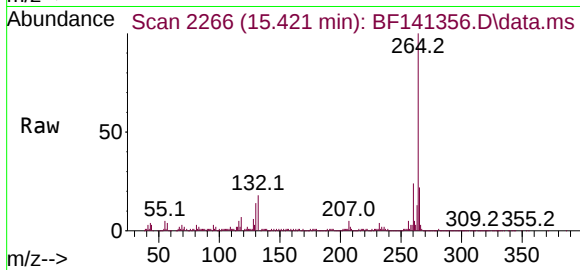
Tgt Ion:244 Resp: 863362
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.0
122 11.8 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141356.D
Acq: 01 Feb 2025 02:17

Instrument :
BNA_F
ClientSampleId :
CL-01-01302025



Tgt Ion:264 Resp: 216484

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.0	16.7	25.1

