

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141399.D
 Acq On : 04 Feb 2025 11:08
 Operator : RC/JU
 Sample : PB166483BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166483BL

Quant Time: Feb 04 11:34:58 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	6.786	152	74401	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	304159	20.000	ng	-0.02
39) Acenaphthene-d10	9.827	164	164089	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	292057	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	229065	20.000	ng	-0.02
86) Perylene-d12	15.415	264	190566	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	688921	142.153	ng	0.00
7) Phenol-d6	6.428	99	837310	135.813	ng	-0.01
23) Nitrobenzene-d5	7.351	82	556211	96.402	ng	-0.02
42) 2,4,6-Tribromophenol	10.622	330	224937	149.528	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1046515	98.165	ng	-0.01
79) Terphenyl-d14	12.904	244	1271366	85.595	ng	-0.01

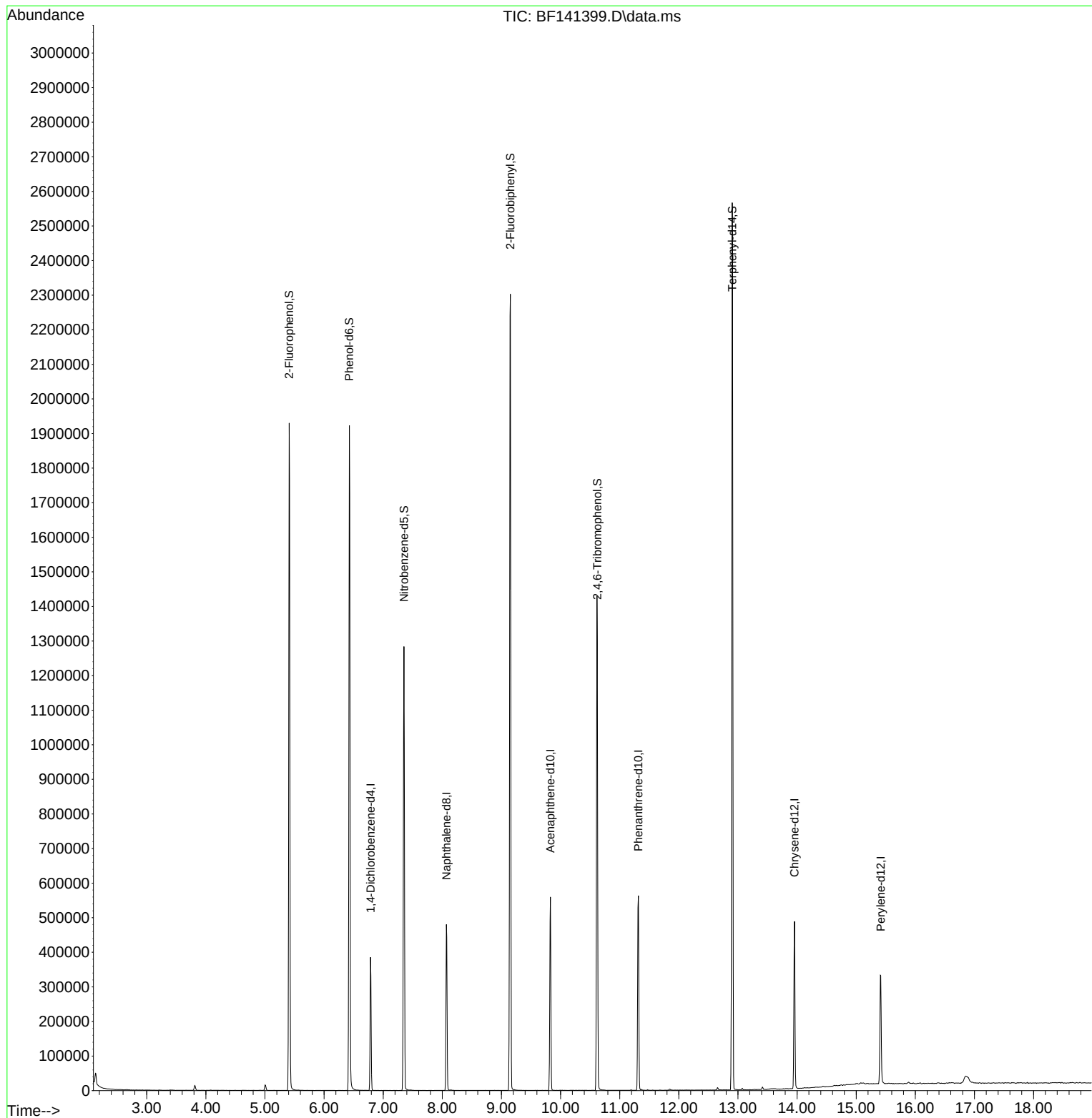
Target Compounds	Qvalue

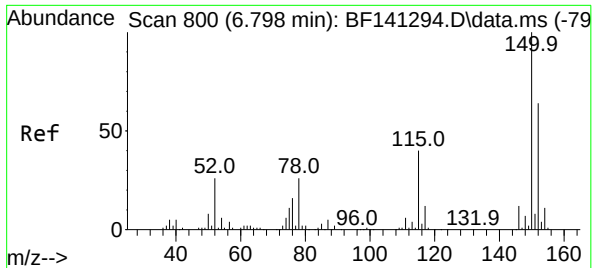
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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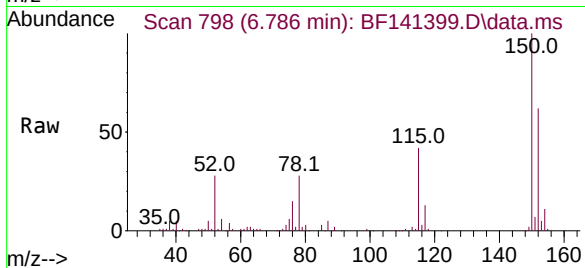
Quant Time: Feb 04 11:34:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration



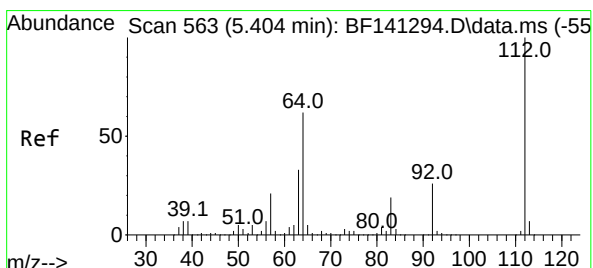
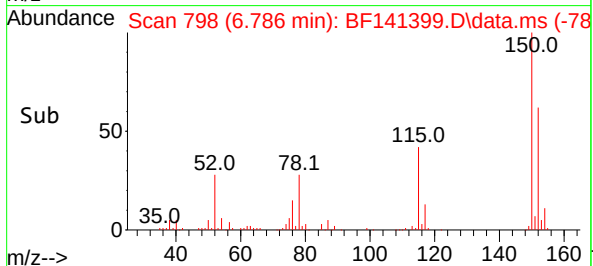
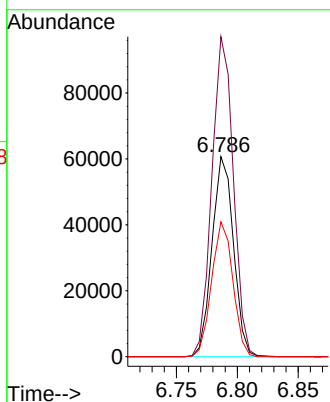


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141399.D
 Acq: 04 Feb 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB166483BL

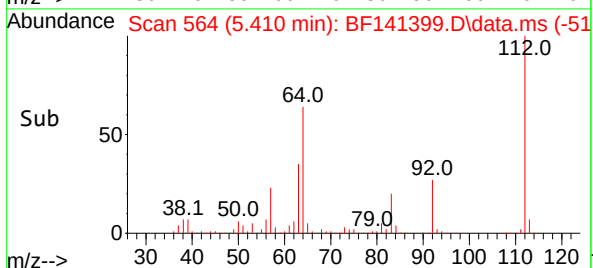
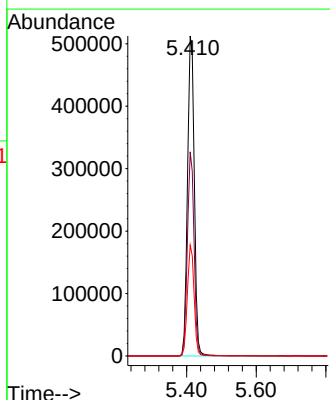
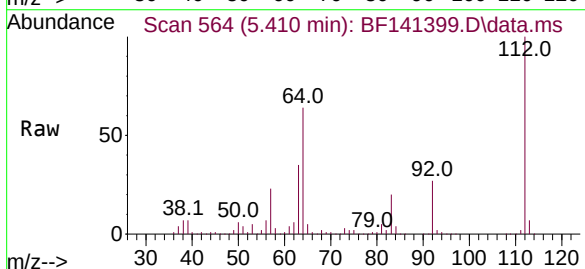


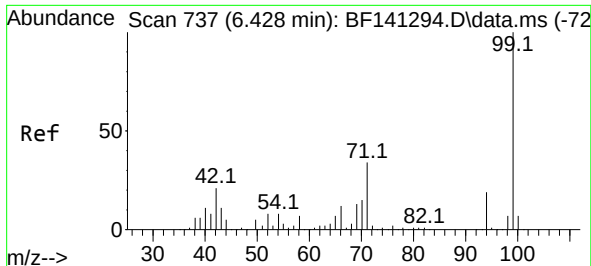
Tgt Ion:152 Resp: 74401
 Ion Ratio Lower Upper
 152 100
 150 160.0 125.9 188.9
 115 67.4 49.7 74.5



#5
 2-Fluorophenol
 Concen: 142.153 ng
 RT: 5.410 min Scan# 564
 Delta R.T. -0.000 min
 Lab File: BF141399.D
 Acq: 04 Feb 2025 11:08

Tgt Ion:112 Resp: 688921
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.8 74.8
 63 34.7 26.1 39.1

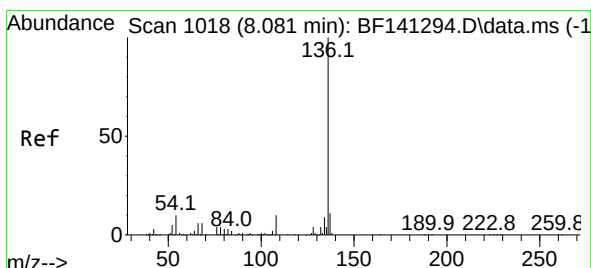
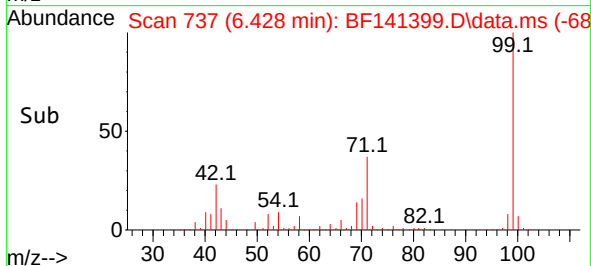
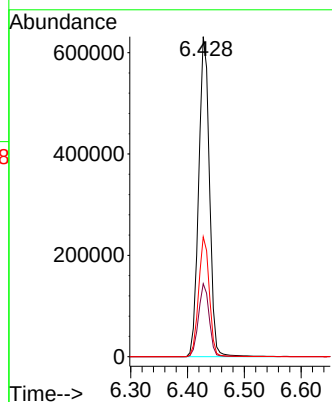
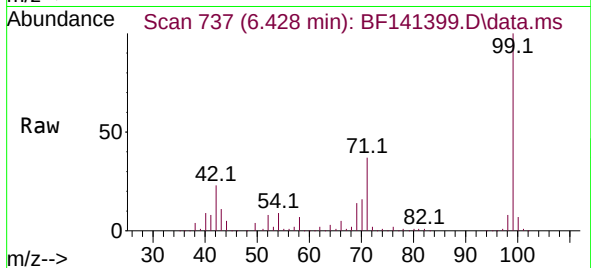




#7
Phenol-d6
Concen: 135.813 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

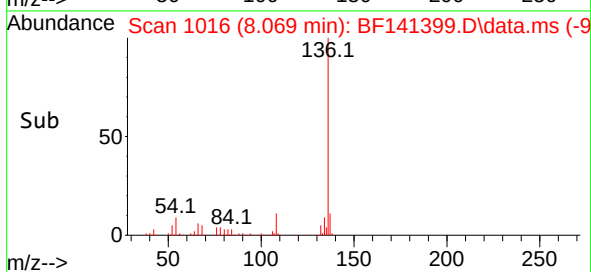
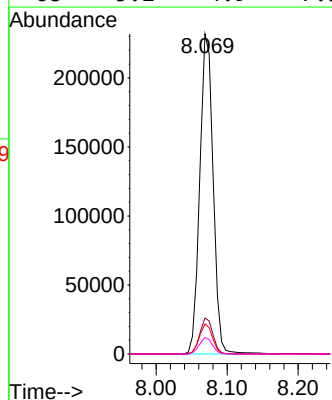
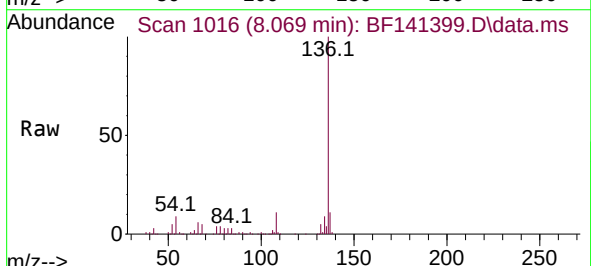
Instrument :
BNA_F
ClientSampleId :
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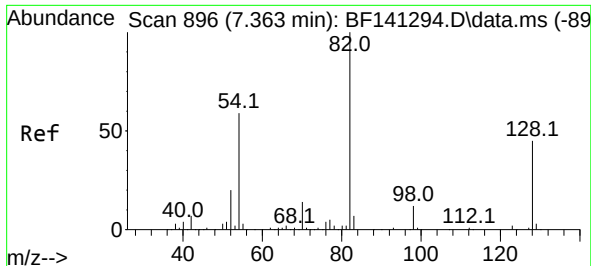
Tgt Ion: 99 Resp: 837310
Ion Ratio Lower Upper
99 100
42 22.8 17.1 25.7
71 37.5 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

Tgt Ion: 136 Resp: 304159
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.4 7.8 11.8
68 5.2 4.9 7.3

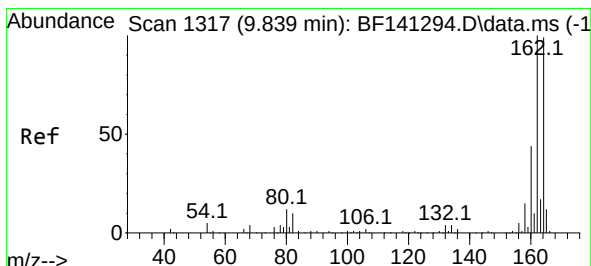
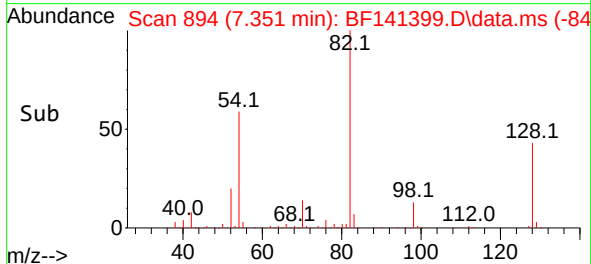
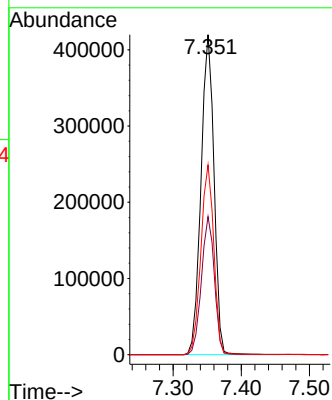
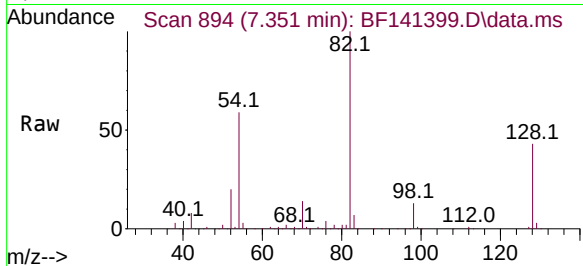




#23
Nitrobenzene-d5
Concen: 96.402 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

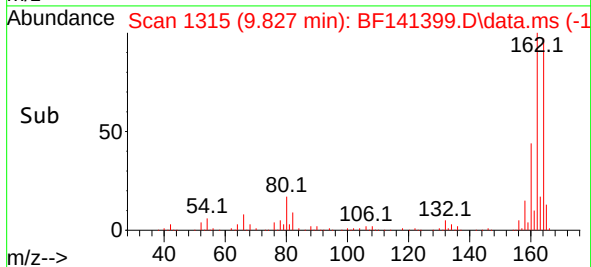
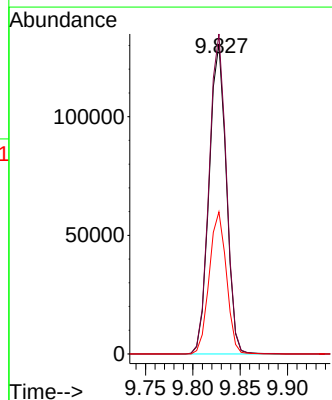
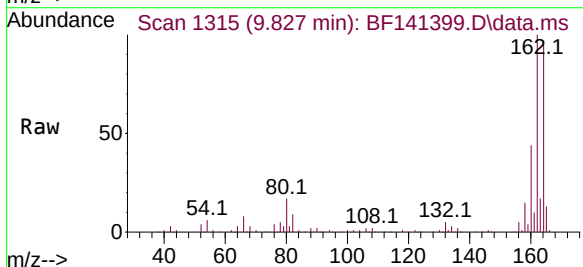
Instrument :
BNA_F
ClientSampleId :
PB166483BL

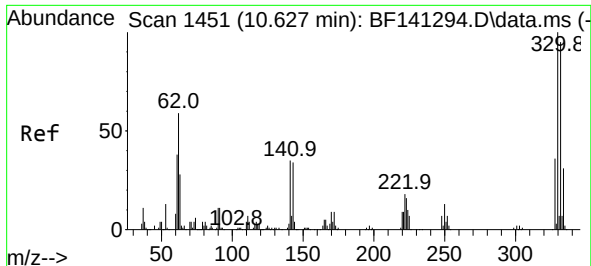
Tgt Ion: 82 Resp: 556211
Ion Ratio Lower Upper
82 100
128 43.2 35.7 53.5
54 59.3 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

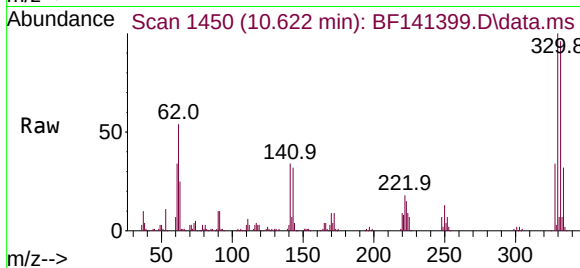
Tgt Ion:164 Resp: 164089
Ion Ratio Lower Upper
164 100
162 103.2 80.6 121.0
160 45.8 35.8 53.6



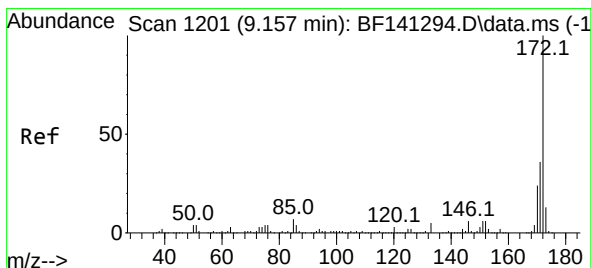
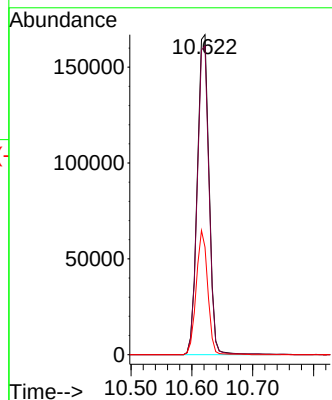
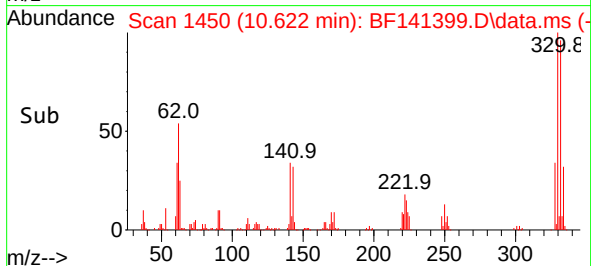


#42
2,4,6-Tribromophenol
Concen: 149.528 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

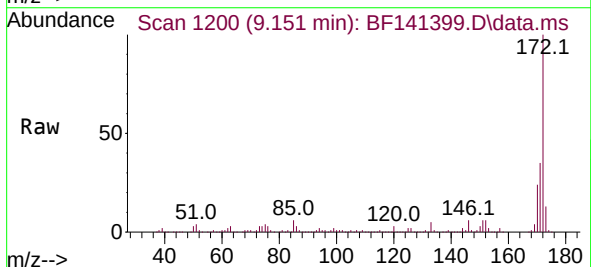
Instrument :
BNA_F
ClientSampleId :
PB166483BL



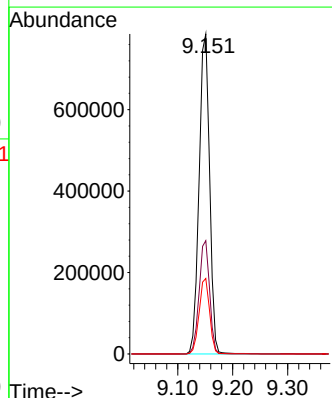
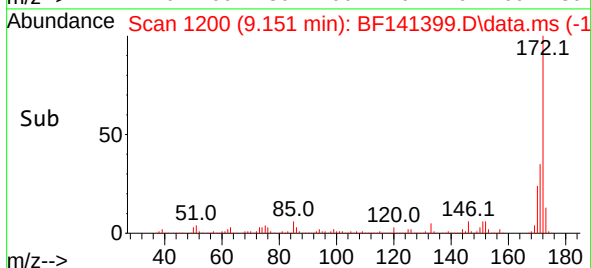
Tgt Ion:330 Resp: 224937
Ion Ratio Lower Upper
330 100
332 96.0 76.1 114.1
141 37.6 28.8 43.2

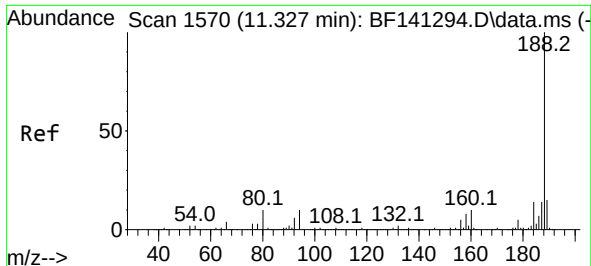


#45
2-Fluorobiphenyl
Concen: 98.165 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08



Tgt Ion:172 Resp: 1046515
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.0 28.6

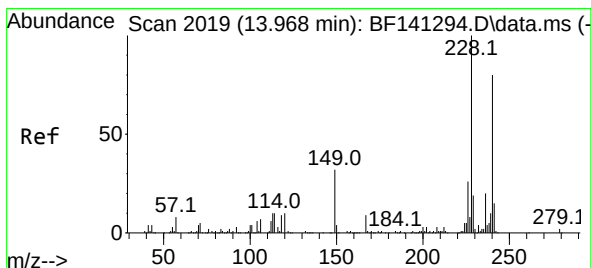
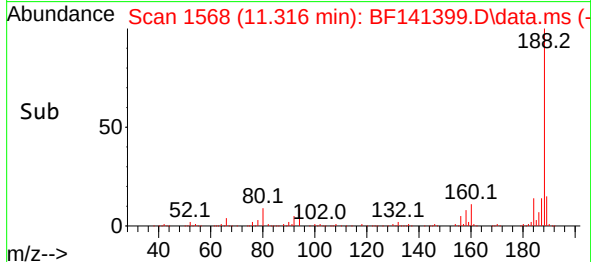
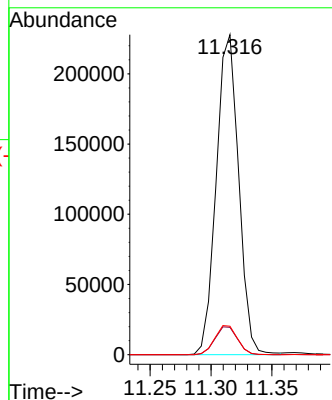
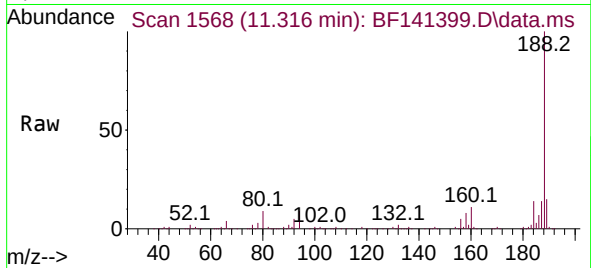




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

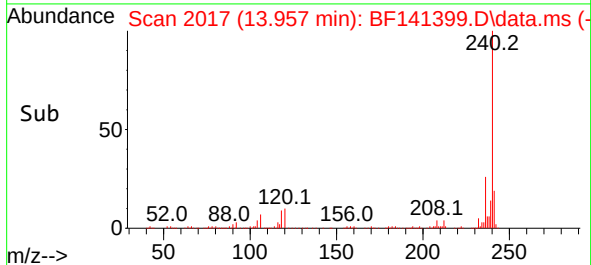
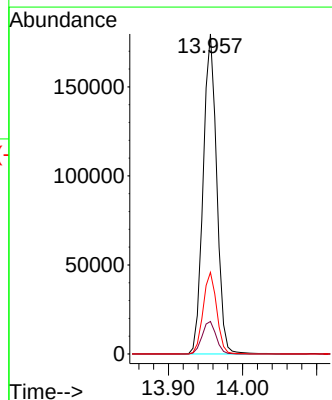
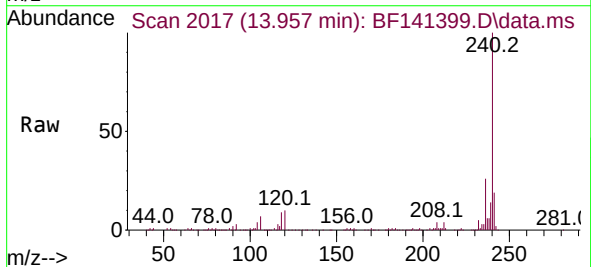
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ClientSampleId :
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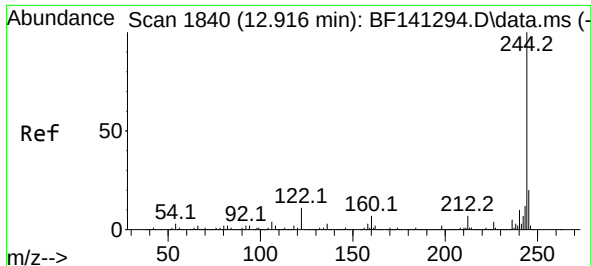
Tgt Ion:188 Resp: 292057
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 8.9 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141399.D
Acq: 04 Feb 2025 11:08

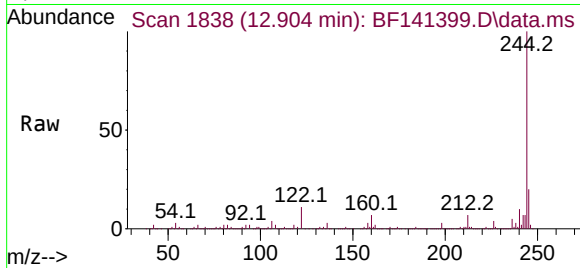
Tgt Ion:240 Resp: 229065
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.5 19.7 29.5



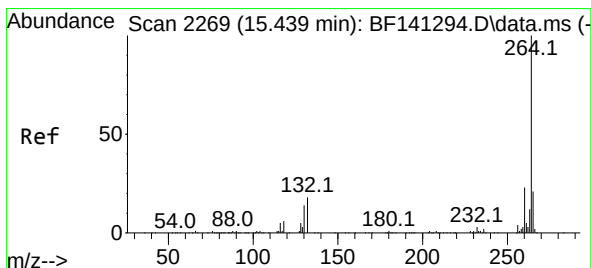
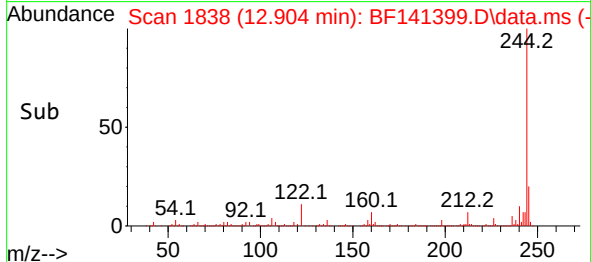
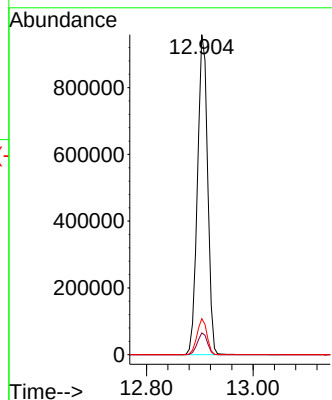


#79
 Terphenyl-d14
 Concen: 85.595 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF141399.D
 Acq: 04 Feb 2025 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB166483BL



Tgt Ion:244 Resp: 1271366
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2265
 Delta R.T. -0.024 min
 Lab File: BF141399.D
 Acq: 04 Feb 2025 11:08

Tgt Ion:264 Resp: 190566
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 21.3 16.7 25.1

