

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141376.D
 Acq On : 03 Feb 2025 18:38
 Operator : RC/JU
 Sample : Q1216-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.1-012825

Quant Time: Feb 04 00:17:58 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	6.792	152	83924	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	324478	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	176814	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	304079	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	223365	20.000	ng	#-0.02
86) Perylene-d12	15.415	264	155322	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	803592	146.999	ng	0.02
7) Phenol-d6	6.439	99	939271	135.064	ng	0.00
23) Nitrobenzene-d5	7.357	82	641330	104.194	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	275411	169.904	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1188809	103.487	ng	-0.01
79) Terphenyl-d14	12.910	244	1376430	95.033	ng	0.00

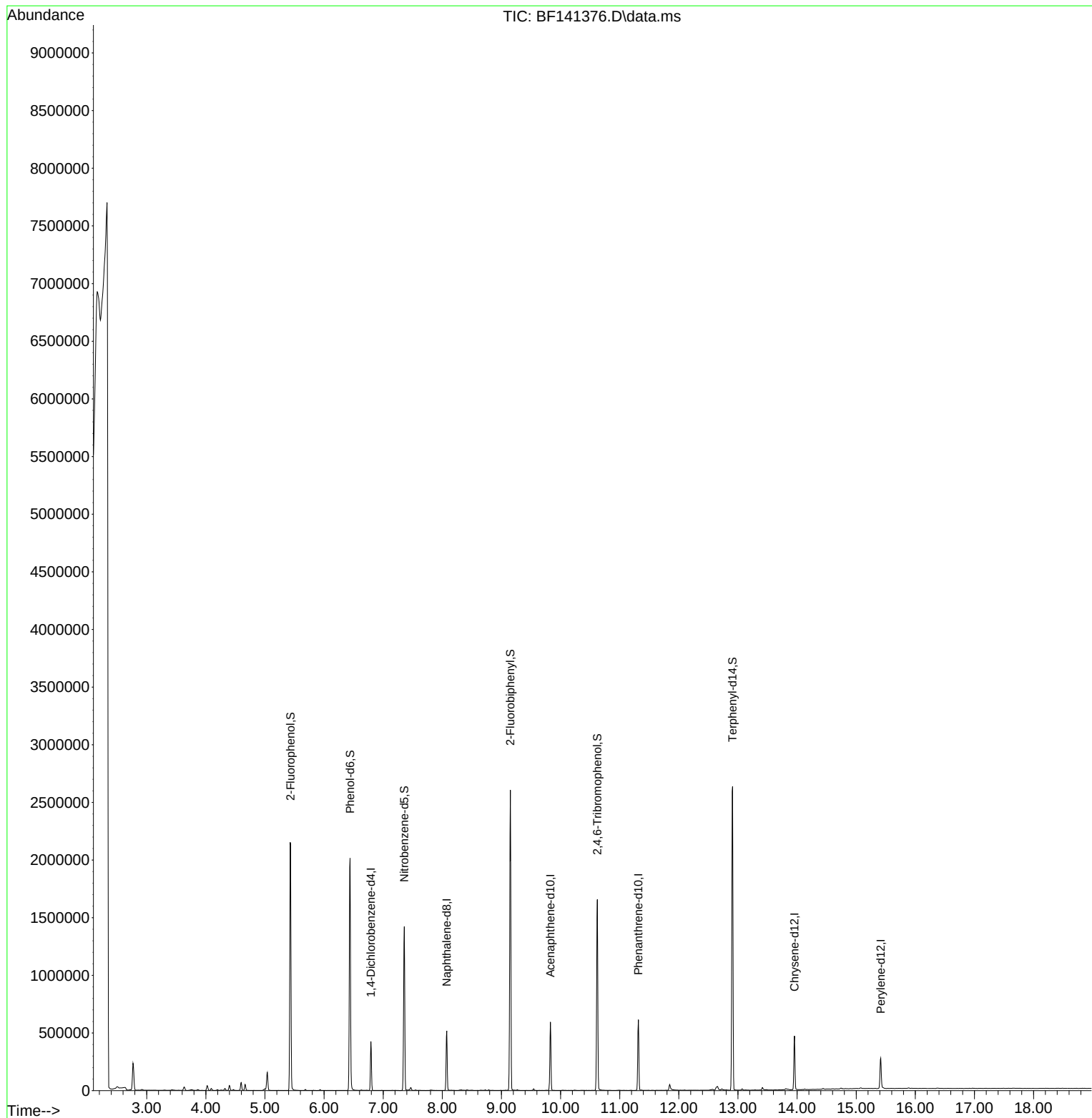
Target Compounds	Qvalue

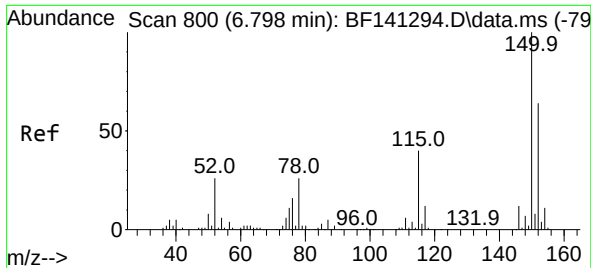
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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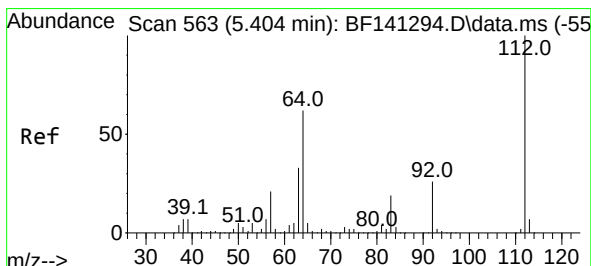
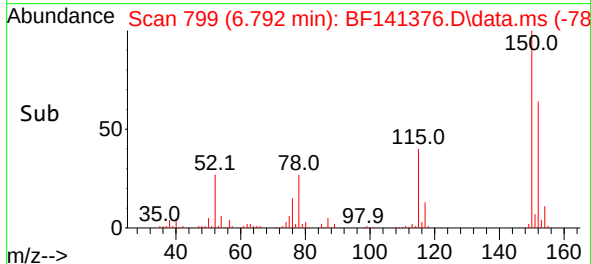
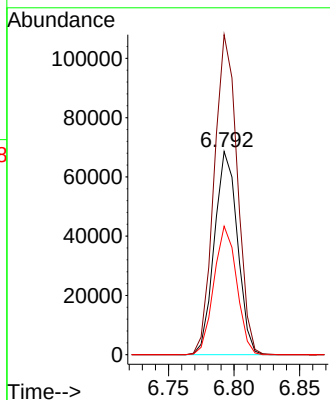
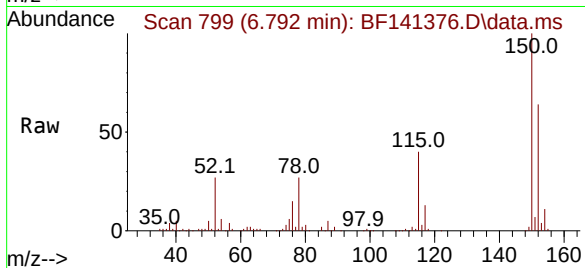




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF141376.D
 Acq: 03 Feb 2025 18:38

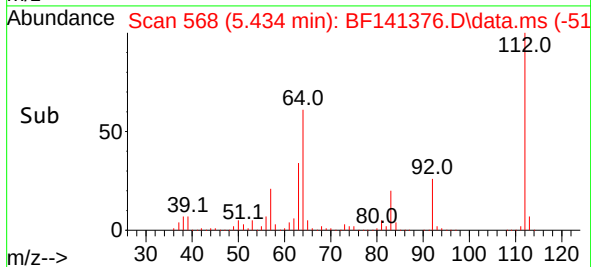
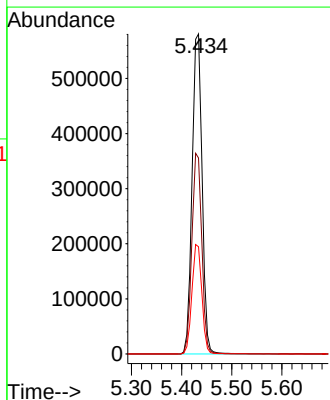
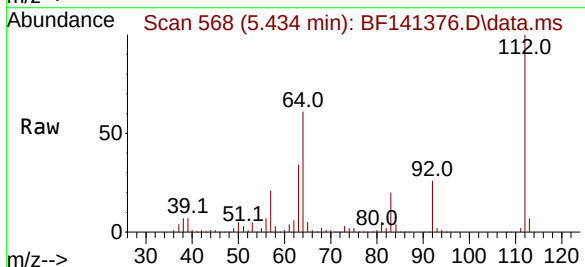
Instrument :
 BNA_F
 ClientSampleId :
 JPP-26.1-012825

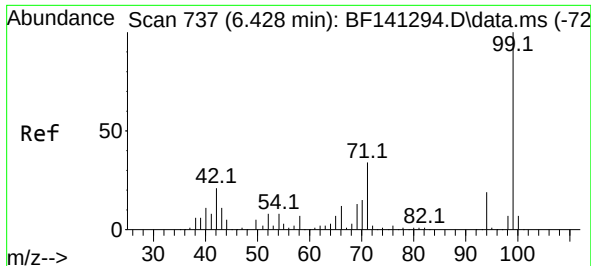
Tgt Ion:152 Resp: 83924
 Ion Ratio Lower Upper
 152 100
 150 157.4 125.9 188.9
 115 63.2 49.7 74.5



#5
 2-Fluorophenol
 Concen: 146.999 ng
 RT: 5.434 min Scan# 568
 Delta R.T. 0.023 min
 Lab File: BF141376.D
 Acq: 03 Feb 2025 18:38

Tgt Ion:112 Resp: 803592
 Ion Ratio Lower Upper
 112 100
 64 61.2 49.8 74.8
 63 33.5 26.1 39.1

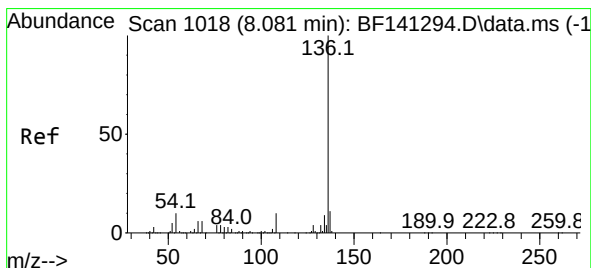
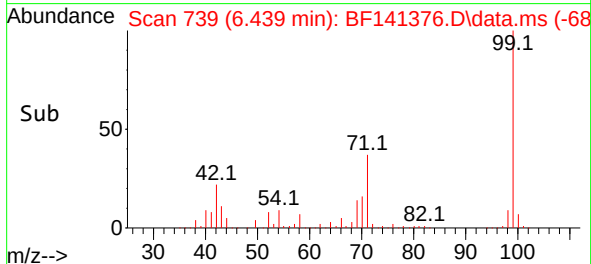
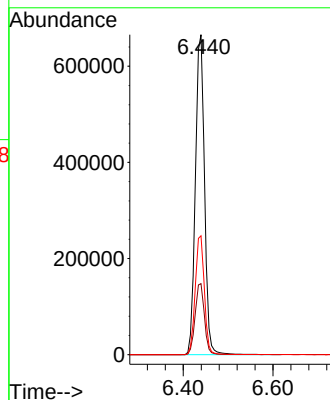
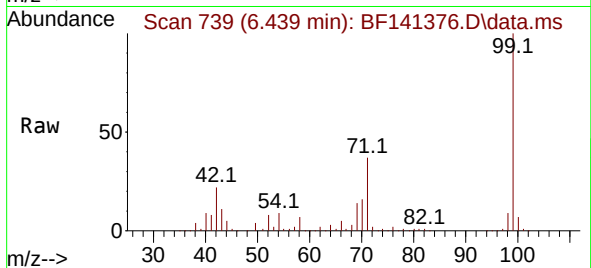




#7
Phenol-d6
Concen: 135.064 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

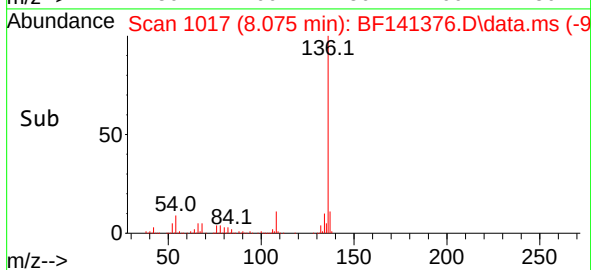
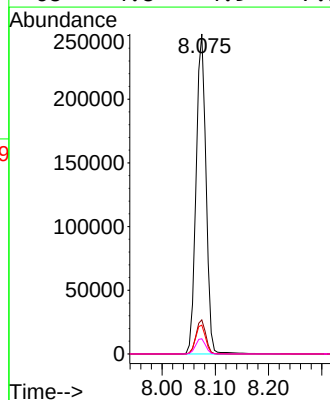
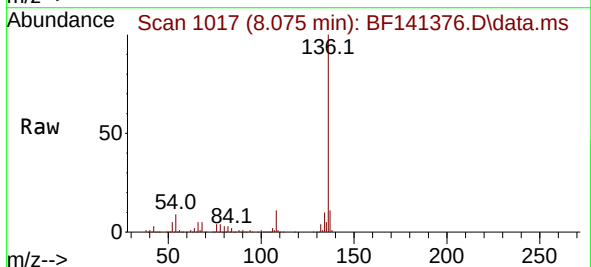
Instrument :
BNA_F
ClientSampleId :
JPP-26.1-012825

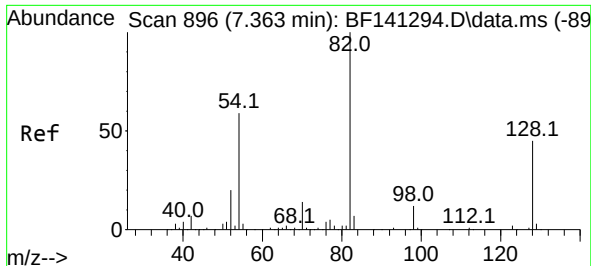
Tgt Ion: 99 Resp: 939271
Ion Ratio Lower Upper
99 100
42 22.2 17.1 25.7
71 37.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

Tgt Ion: 136 Resp: 324478
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.0 7.8 11.8
68 4.8 4.9 7.3#

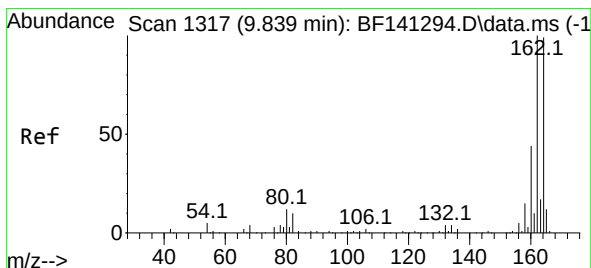
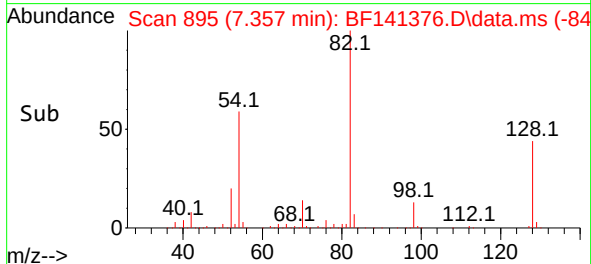
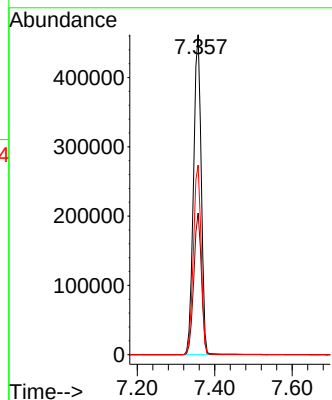
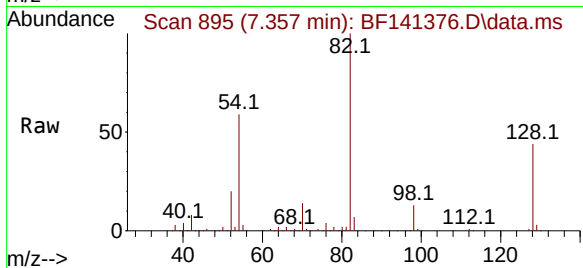




#23
Nitrobenzene-d5
Concen: 104.194 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

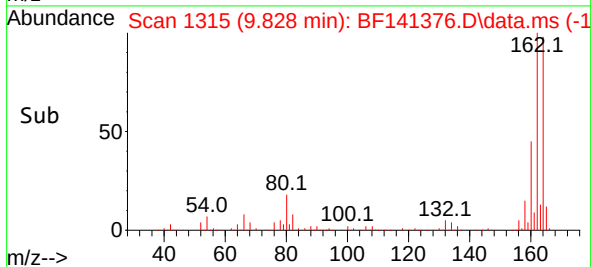
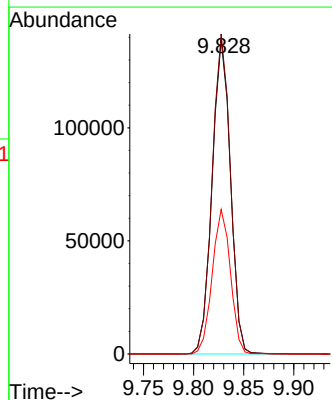
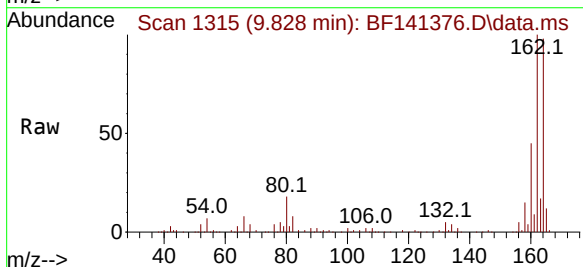
Instrument :
BNA_F
ClientSampleId :
JPP-26.1-012825

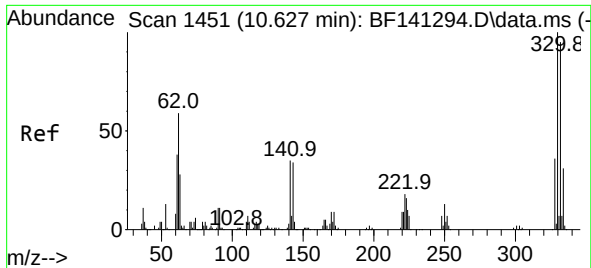
Tgt Ion: 82 Resp: 641330
Ion Ratio Lower Upper
82 100
128 44.2 35.7 53.5
54 59.3 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

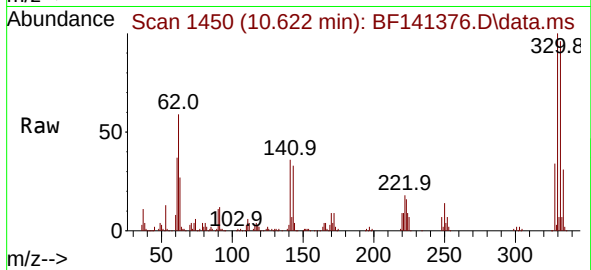
Tgt Ion:164 Resp: 176814
Ion Ratio Lower Upper
164 100
162 101.9 80.6 121.0
160 46.0 35.8 53.6



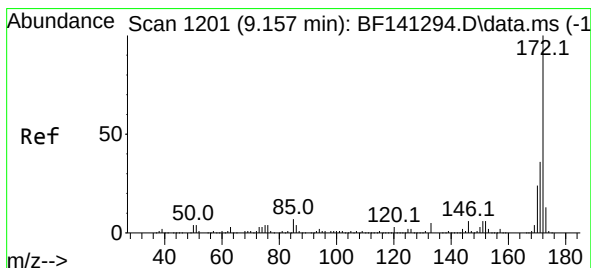
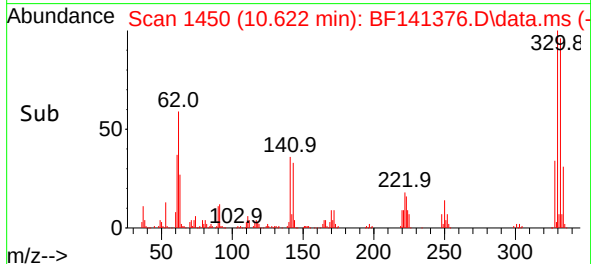
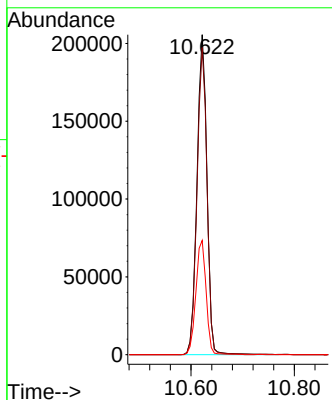


#42
2,4,6-Tribromophenol
Concen: 169.904 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

Instrument :
BNA_F
ClientSampleId :
JPP-26.1-012825

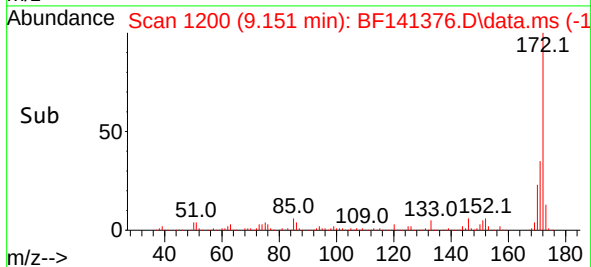
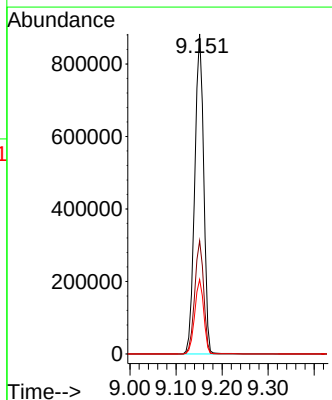
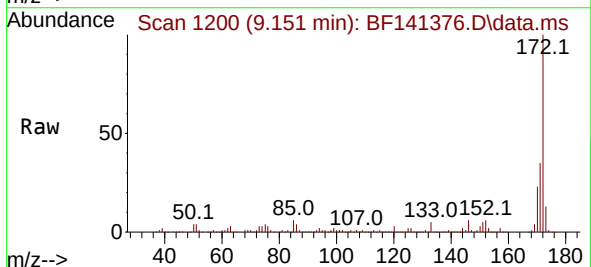


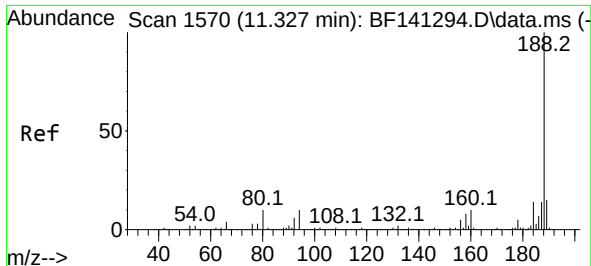
Tgt Ion:330 Resp: 275411
Ion Ratio Lower Upper
330 100
332 95.9 76.1 114.1
141 36.7 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 103.487 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

Tgt Ion:172 Resp: 1188809
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.3 19.0 28.6

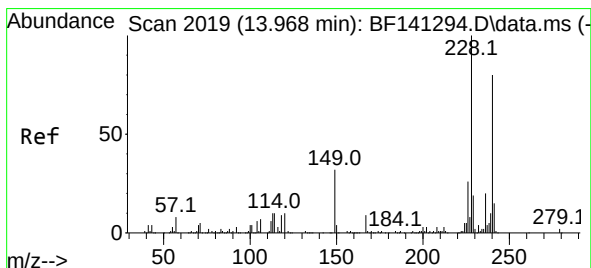
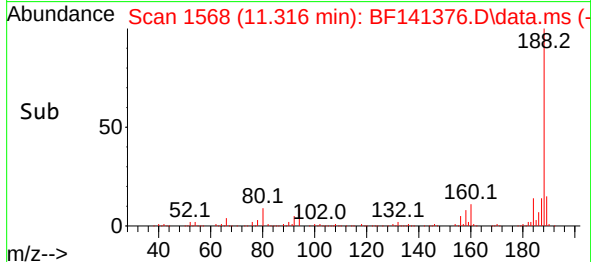
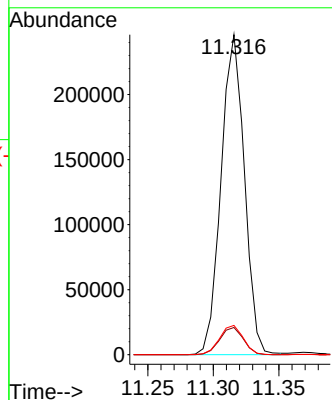
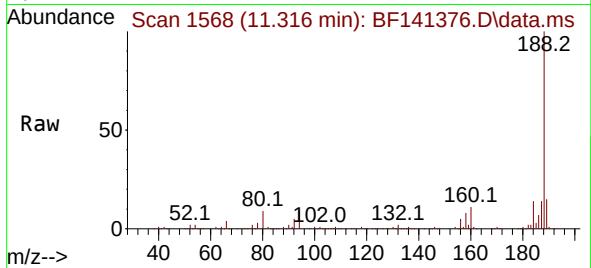




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

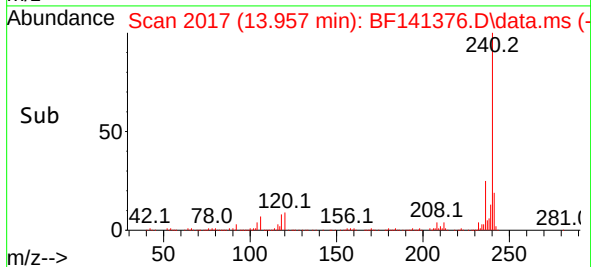
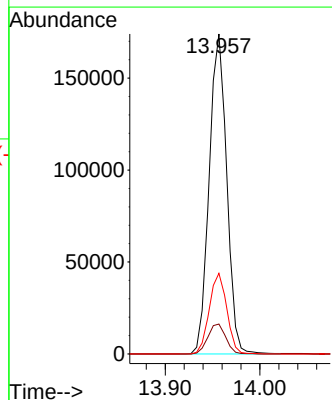
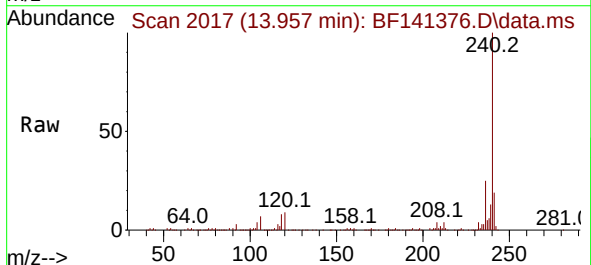
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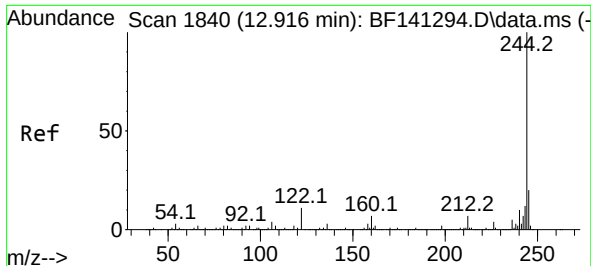
Tgt Ion:188 Resp: 304079
Ion Ratio Lower Upper
188 100
94 8.5 7.8 11.6
80 9.1 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141376.D
Acq: 03 Feb 2025 18:38

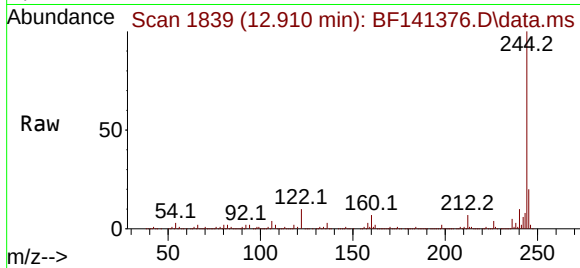
Tgt Ion:240 Resp: 223365
Ion Ratio Lower Upper
240 100
120 9.3 10.0 15.0#
236 25.2 19.7 29.5



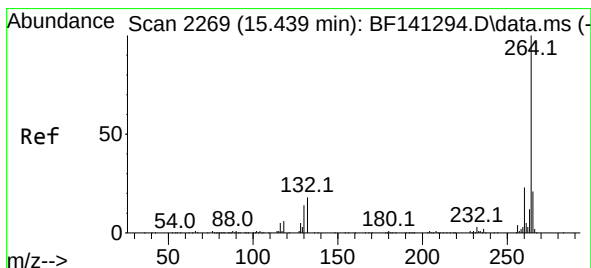
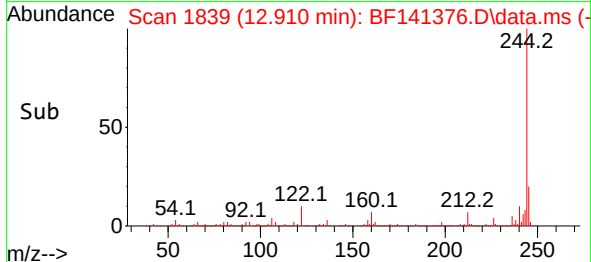
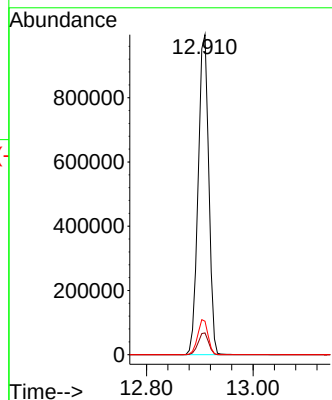


#79
 Terphenyl-d14
 Concen: 95.033 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141376.D
 Acq: 03 Feb 2025 18:38

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 1376430
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.5 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: BF141376.D
 Acq: 03 Feb 2025 18:38

Tgt Ion:264 Resp: 155322
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 21.4 16.7 25.1

