

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141431.D
 Acq On : 05 Feb 2025 01:15
 Operator : RC/JU
 Sample : Q1277-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT 3249

Quant Time: Feb 05 02:12:30 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	84006	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	338575	20.000	ng	-0.02
39) Acenaphthene-d10	9.827	164	186216	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	291812	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	197955	20.000	ng	#-0.02
86) Perylene-d12	15.415	264	160222	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	446069	81.519	ng	0.00
7) Phenol-d6	6.428	99	561709	80.693	ng	-0.01
23) Nitrobenzene-d5	7.351	82	374828	58.361	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	142034	83.198	ng	-0.02
45) 2-Fluorobiphenyl	9.145	172	705896	58.347	ng	-0.02
79) Terphenyl-d14	12.904	244	657635	51.234	ng	-0.01

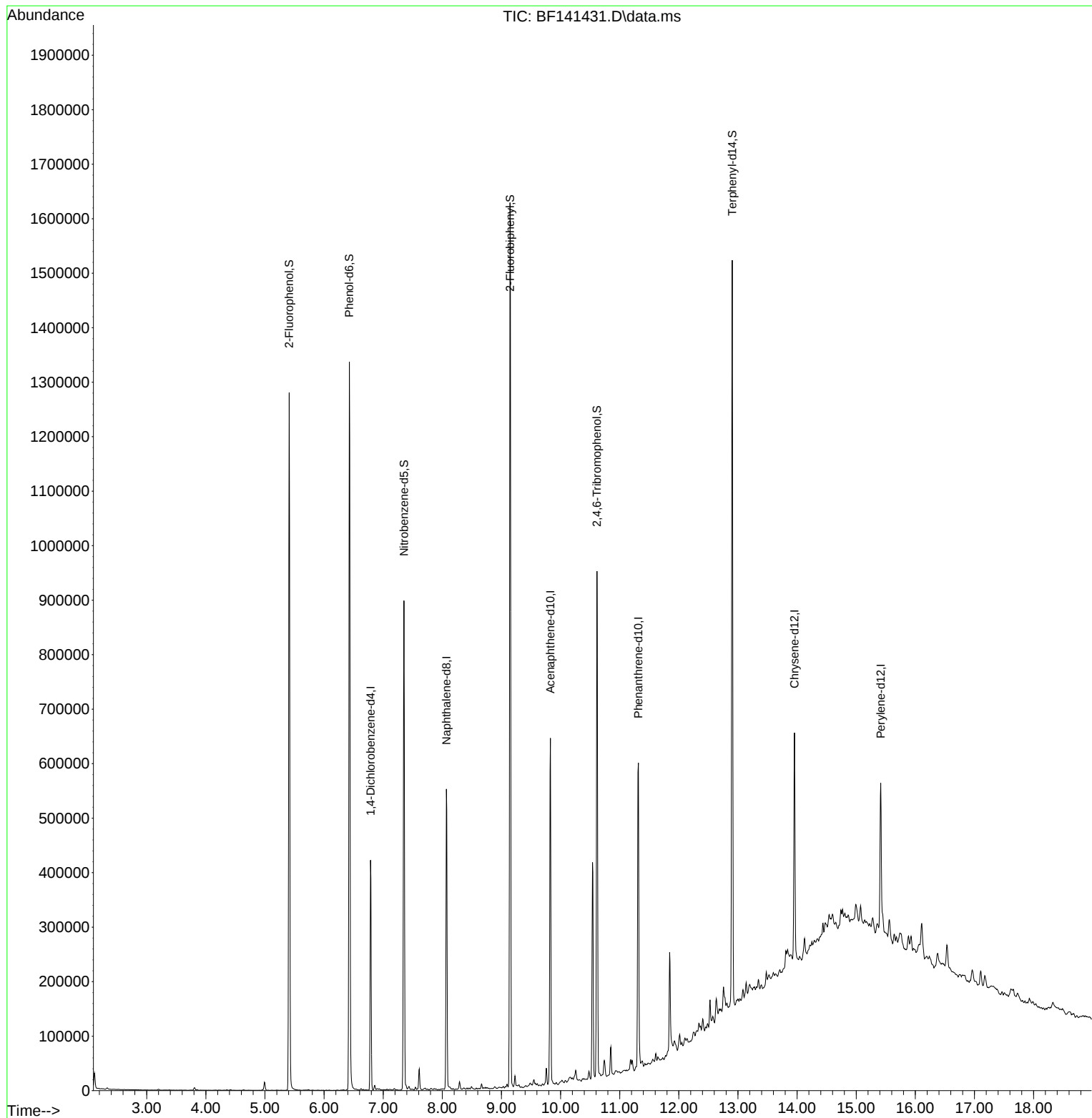
Target Compounds	Qvalue

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

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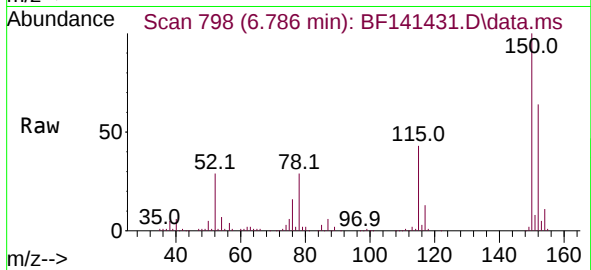
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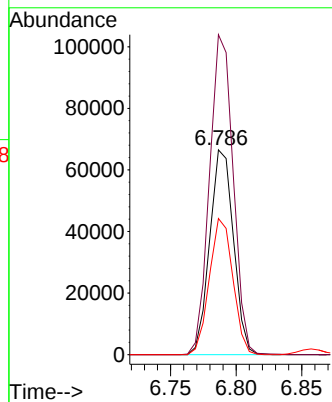
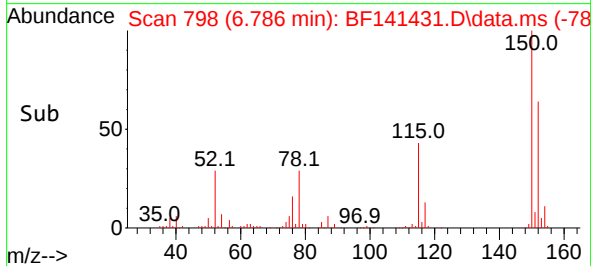


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

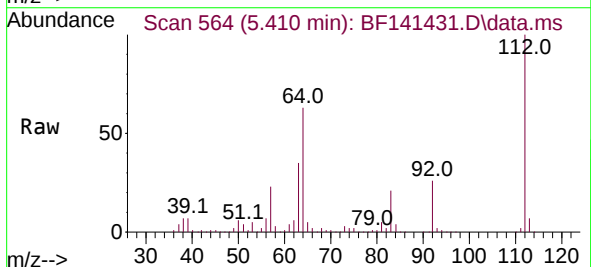
Instrument :
BNA_F
ClientSampleId :
RT 3249



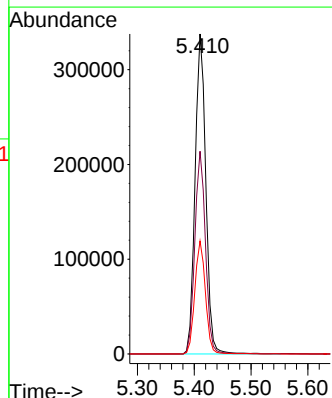
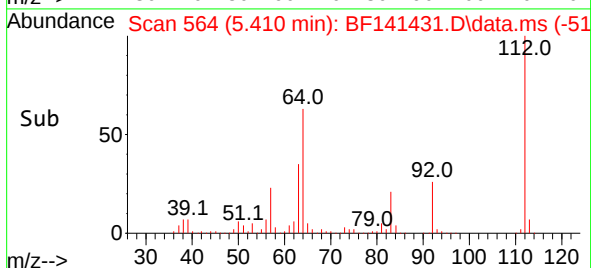
Tgt Ion:152 Resp: 84006
Ion Ratio Lower Upper
152 100
150 156.2 125.9 188.9
115 66.5 49.7 74.5

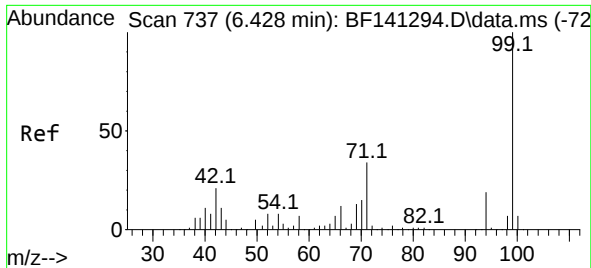


#5
2-Fluorophenol
Concen: 81.519 ng
RT: 5.410 min Scan# 564
Delta R.T. -0.000 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15



Tgt Ion:112 Resp: 446069
Ion Ratio Lower Upper
112 100
64 63.3 49.8 74.8
63 35.3 26.1 39.1

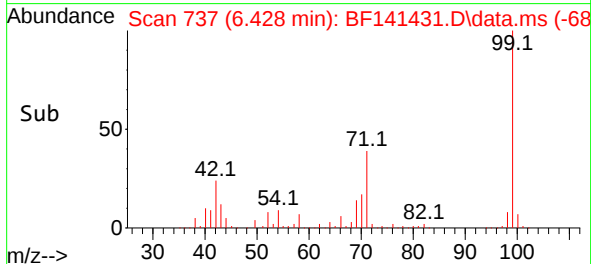
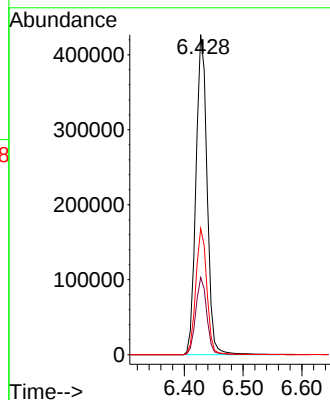
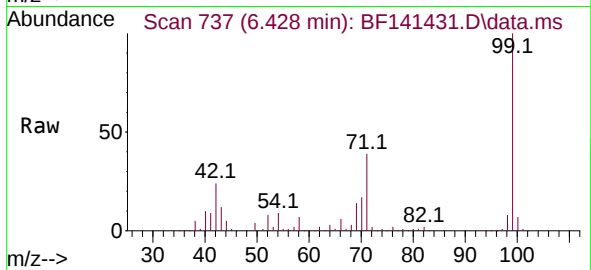




#7
Phenol-d6
Concen: 80.693 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

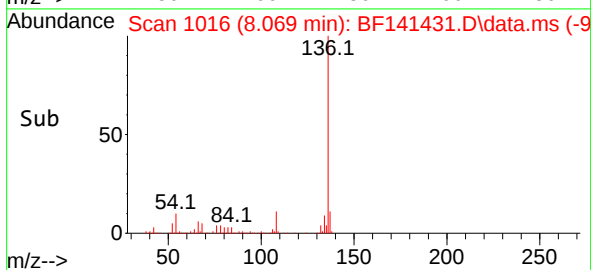
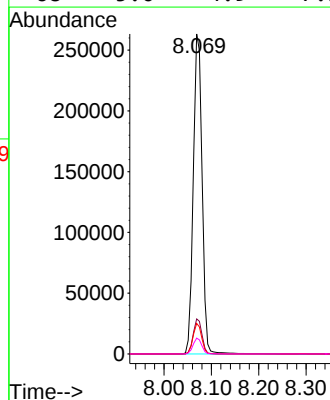
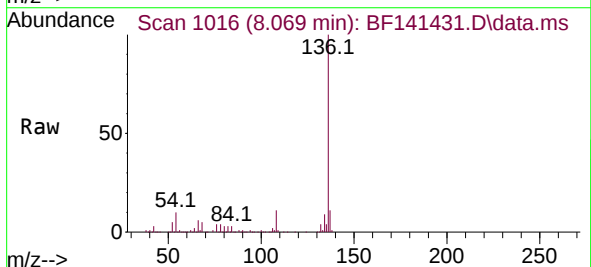
Instrument :
BNA_F
ClientSampleId :
RT 3249

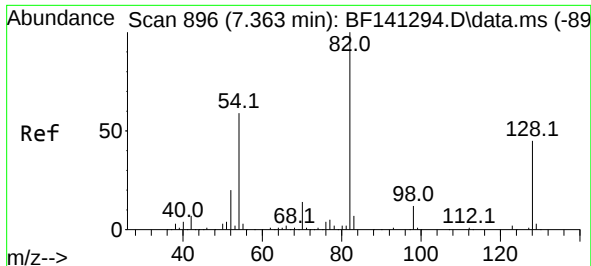
Tgt Ion: 99 Resp: 561709
Ion Ratio Lower Upper
99 100
42 24.1 17.1 25.7
71 39.5 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

Tgt Ion: 136 Resp: 338575
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 7.8 11.8
68 5.0 4.9 7.3

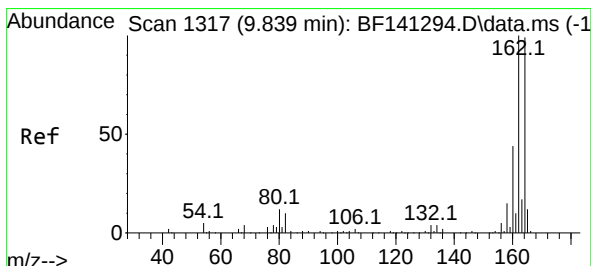
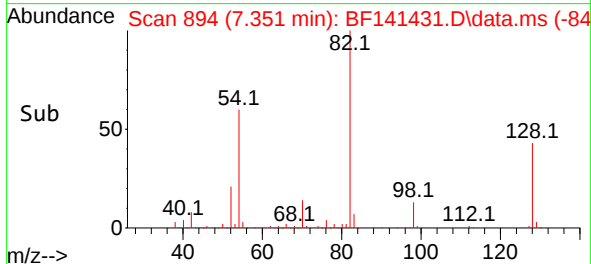
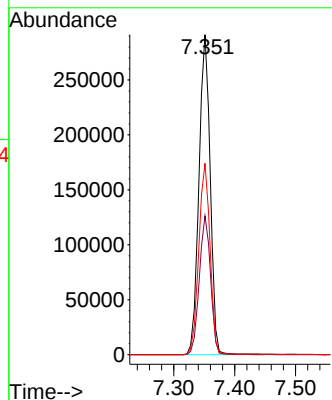
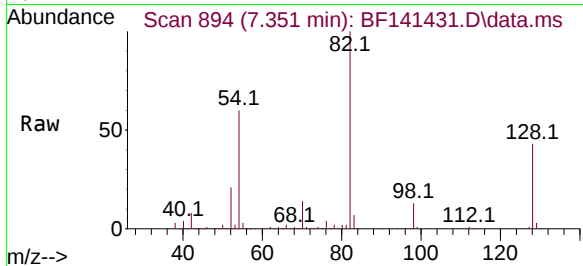




#23
Nitrobenzene-d5
Concen: 58.361 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

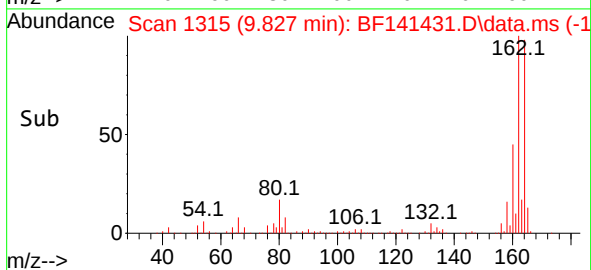
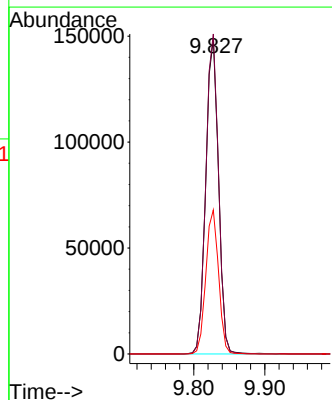
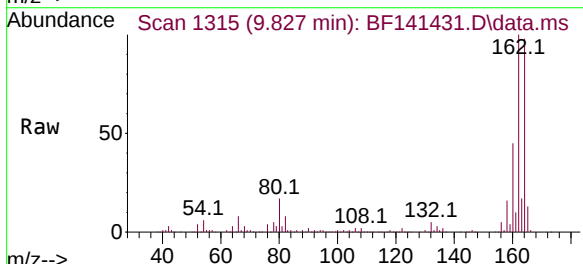
Instrument :
BNA_F
ClientSampleId :
RT 3249

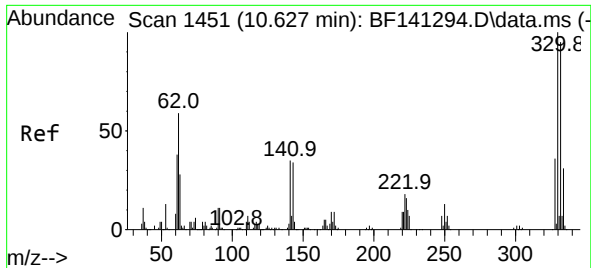
Tgt Ion: 82 Resp: 374828
Ion Ratio Lower Upper
82 100
128 43.4 35.7 53.5
54 59.8 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

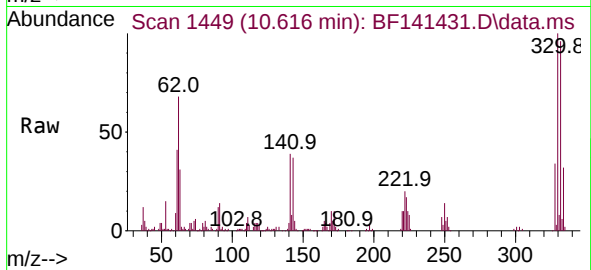
Tgt Ion:164 Resp: 186216
Ion Ratio Lower Upper
164 100
162 101.6 80.6 121.0
160 45.7 35.8 53.6



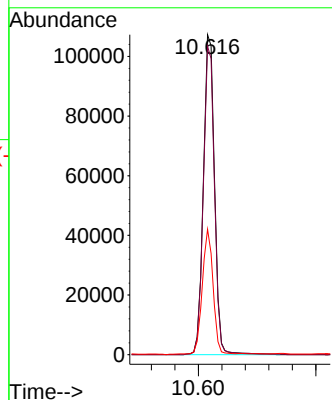
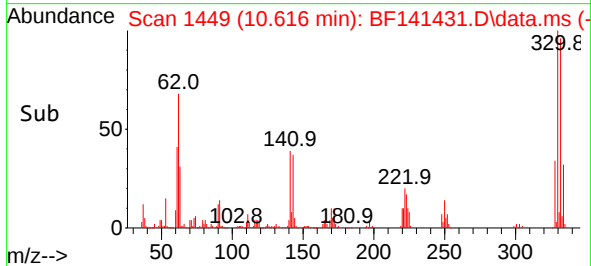


#42
2,4,6-Tribromophenol
Concen: 83.198 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

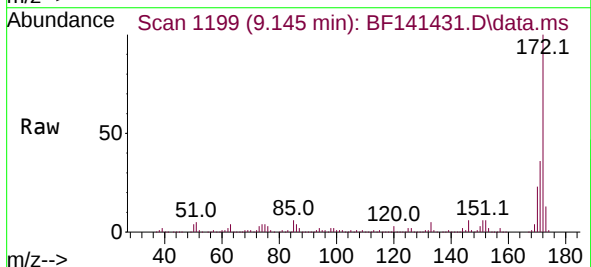
Instrument :
BNA_F
ClientSampleId :
RT 3249



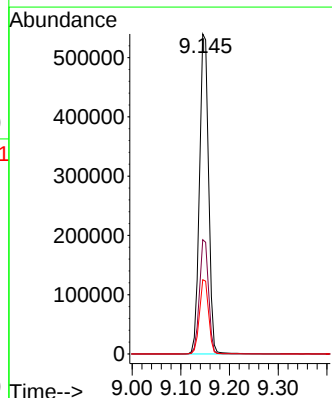
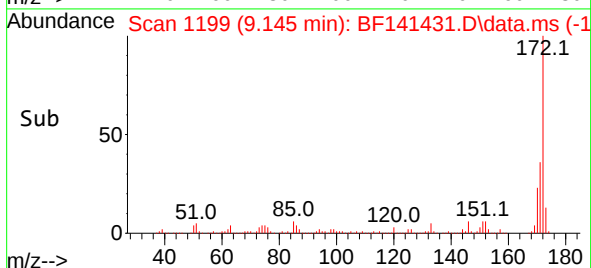
Tgt Ion:330 Resp: 142034
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 38.7 28.8 43.2

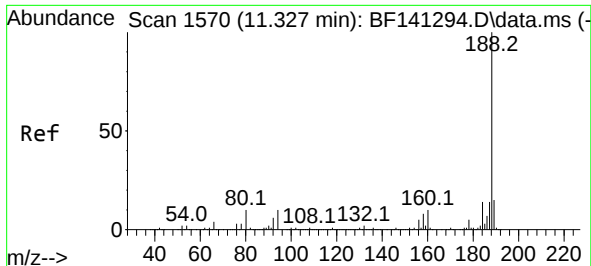


#45
2-Fluorobiphenyl
Concen: 58.347 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15



Tgt Ion:172 Resp: 705896
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.2 19.0 28.6

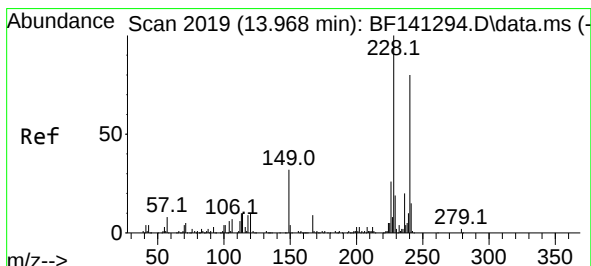
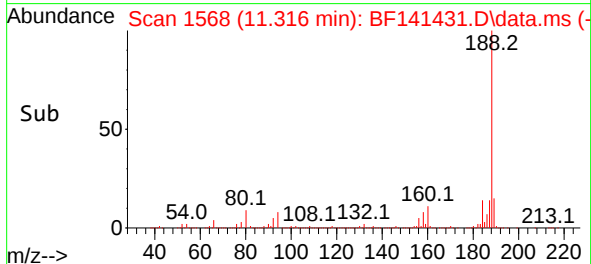
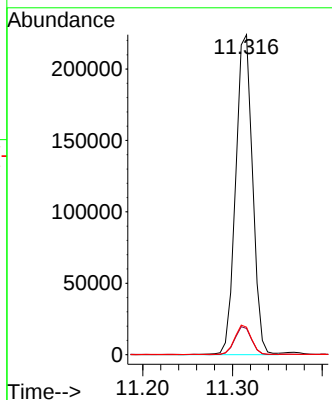
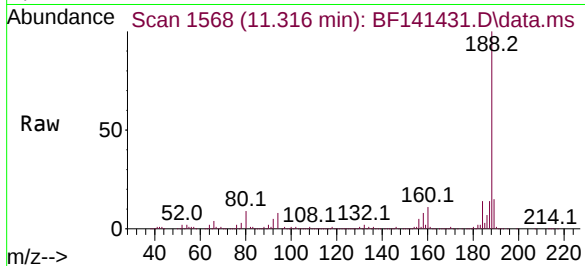




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

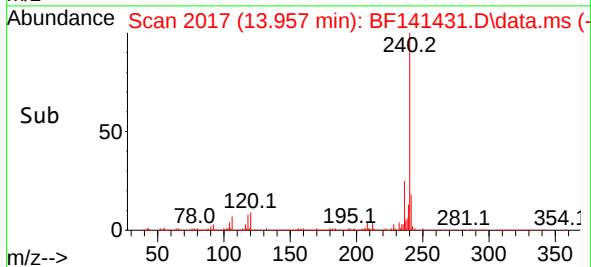
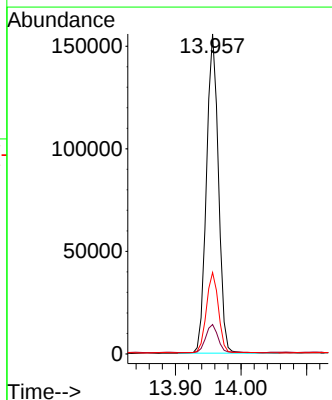
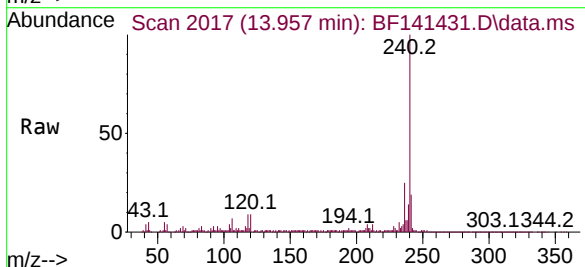
Instrument :
BNA_F
ClientSampleId :
RT 3249

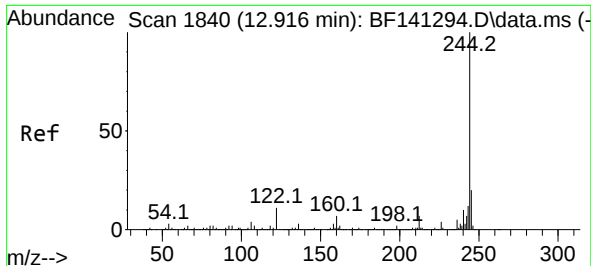
Tgt Ion:188 Resp: 291812
Ion Ratio Lower Upper
188 100
94 8.2 7.8 11.6
80 8.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141431.D
Acq: 05 Feb 2025 01:15

Tgt Ion:240 Resp: 197955
Ion Ratio Lower Upper
240 100
120 9.2 10.0 15.0#
236 25.5 19.7 29.5

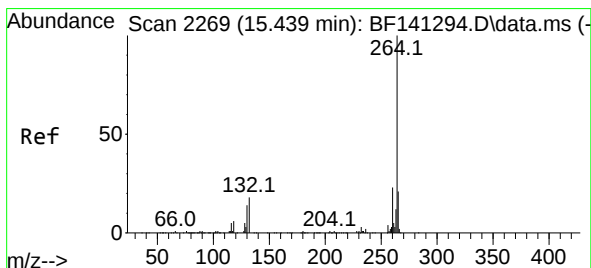
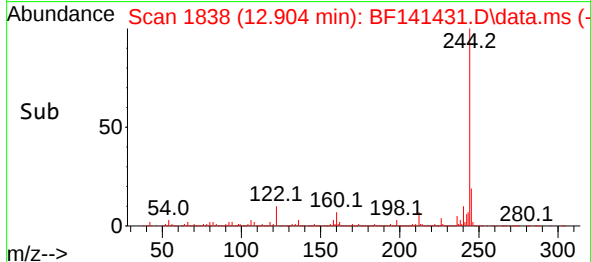
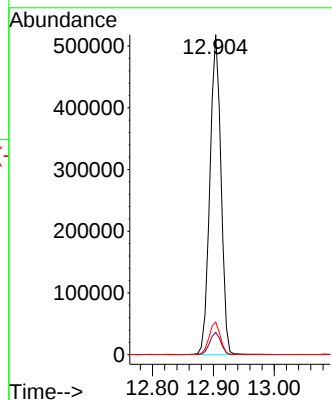
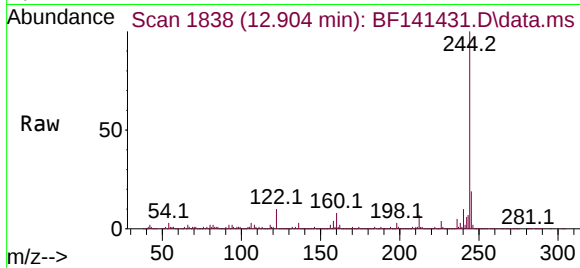




#79
 Terphenyl-d14
 Concen: 51.234 ng
 RT: 12.904 min Scan# 1838
 Delta R.T. -0.012 min
 Lab File: BF141431.D
 Acq: 05 Feb 2025 01:15

Instrument :
 BNA_F
 ClientSampleId :
 RT 3249

Tgt Ion:244 Resp: 657635
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.2 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: BF141431.D
 Acq: 05 Feb 2025 01:15

Tgt Ion:264 Resp: 160222
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 27.8
 265 22.0 16.7 25.1

