

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136789.D
 Acq On : 28 Dec 2023 12:17
 Operator : CG\JU
 Sample : 05926-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2

Quant Time: Dec 28 12:37:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68320	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	256220	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	136426	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	288924	20.000	ng	0.00
76) Chrysene-d12	13.963	240	240263	20.000	ng	0.00
86) Perylene-d12	15.445	264	191863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	550042	125.618	ng	0.01
7) Phenol-d6	6.434	99	634042	111.751	ng	0.00
23) Nitrobenzene-d5	7.345	82	459249	91.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	235949	146.851	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	887026	87.449	ng	-0.01
79) Terphenyl-d14	12.910	244	1217465	70.813	ng	0.00

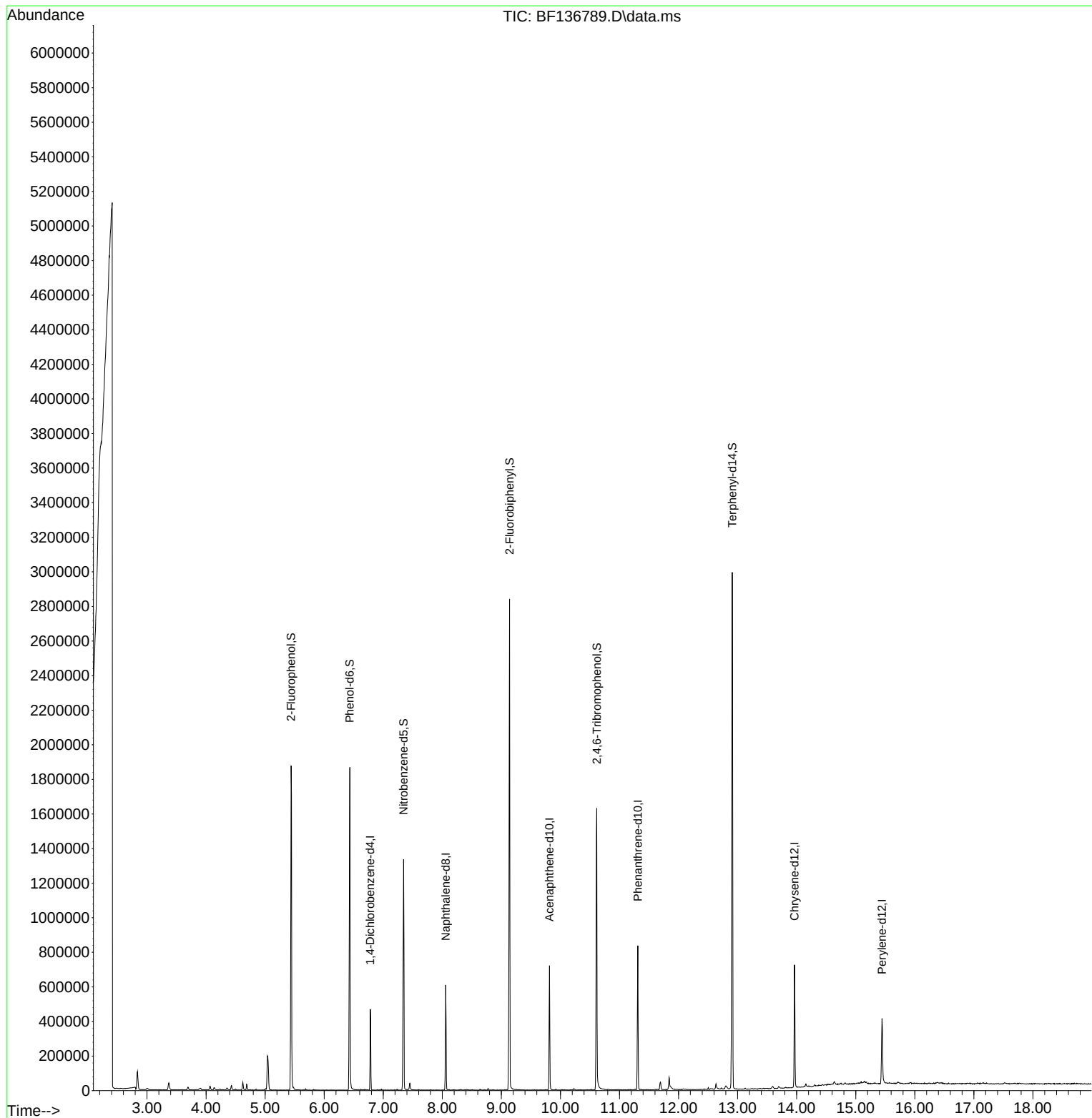
Target Compounds	Qvalue

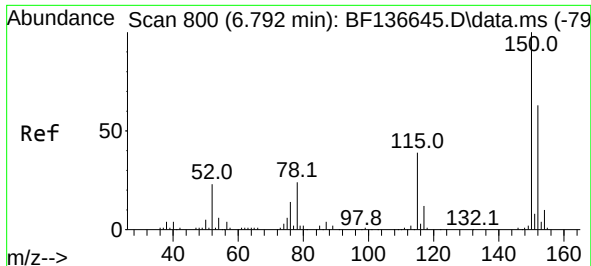
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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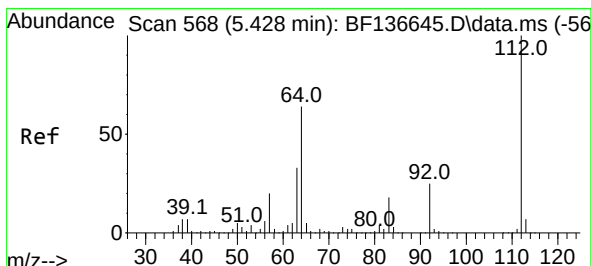
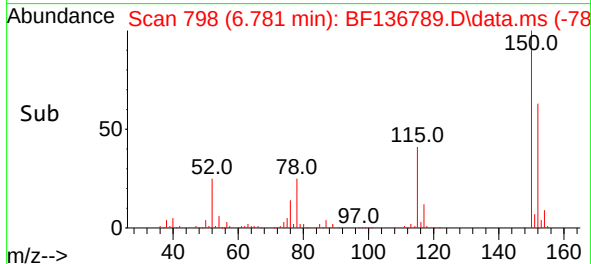
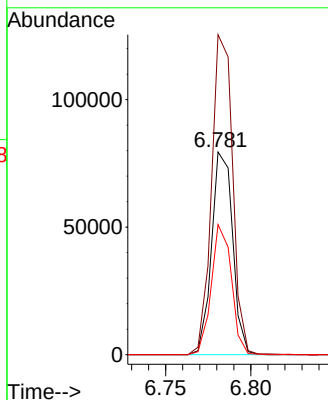
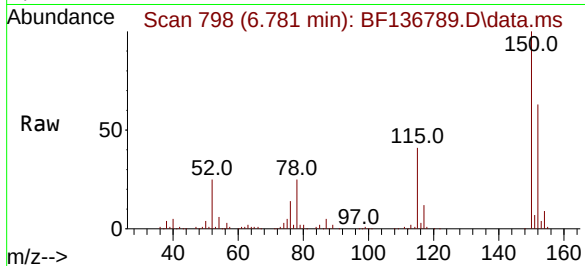




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

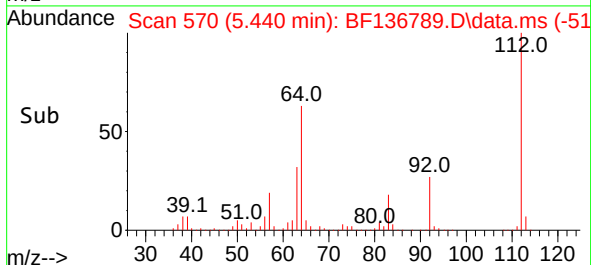
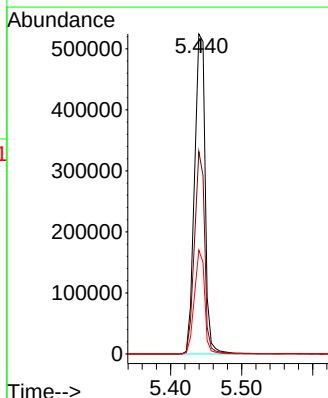
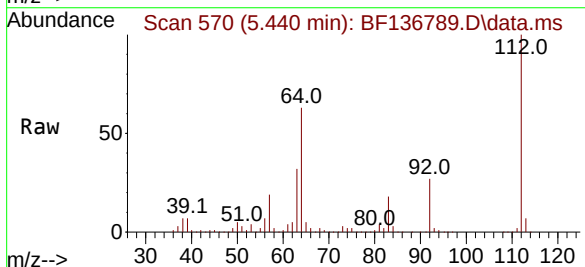
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2

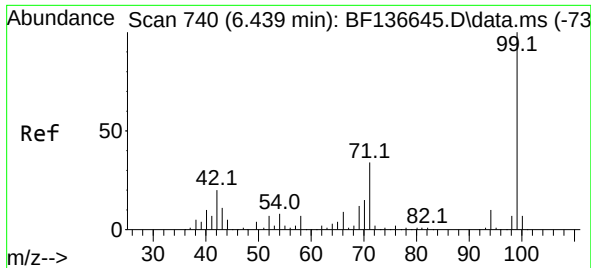
Tgt Ion:152 Resp: 68320
 Ion Ratio Lower Upper
 152 100
 150 157.9 127.0 190.6
 115 64.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 125.618 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.012 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

Tgt Ion:112 Resp: 550042
 Ion Ratio Lower Upper
 112 100
 64 63.3 51.1 76.7
 63 32.4 26.1 39.1

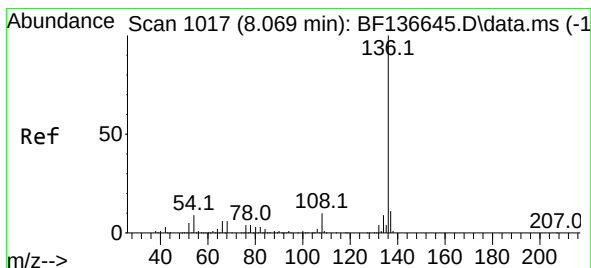
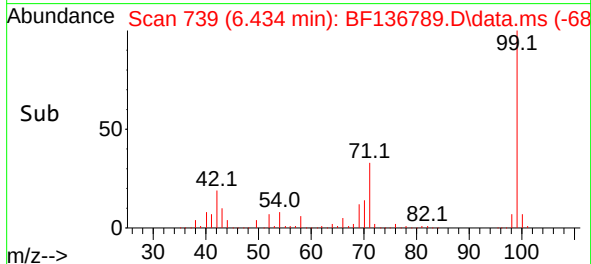
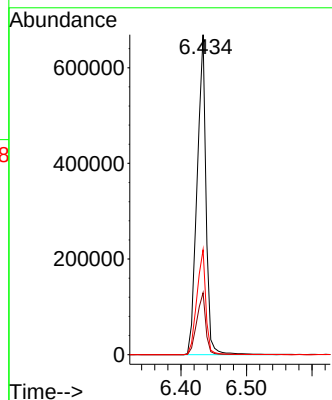
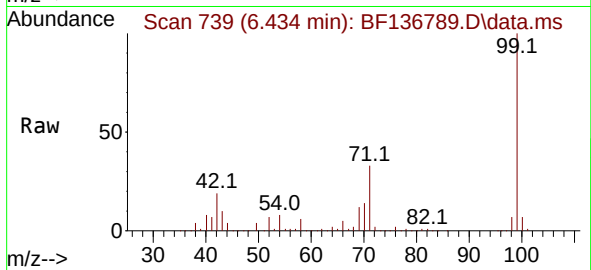




#7
Phenol-d6
Concen: 111.751 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

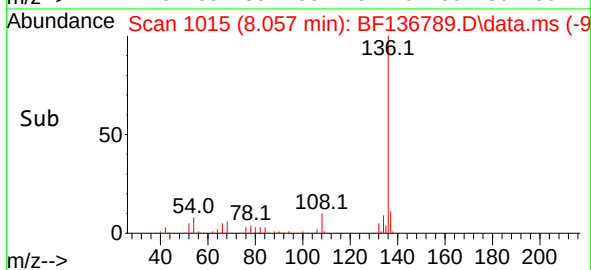
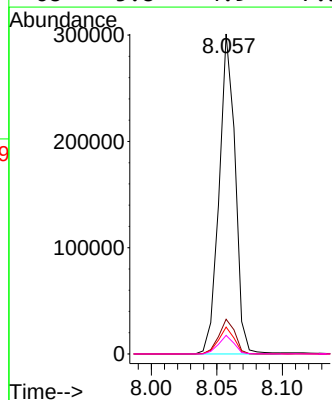
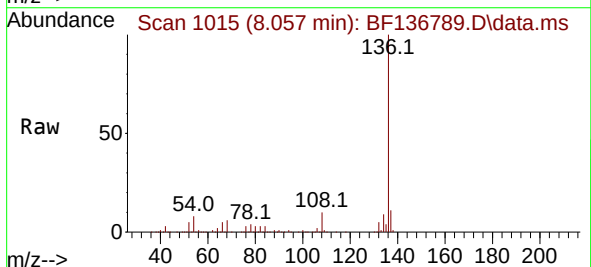
Instrument :
BNA_F
ClientSampleId :
MR-319-0-2

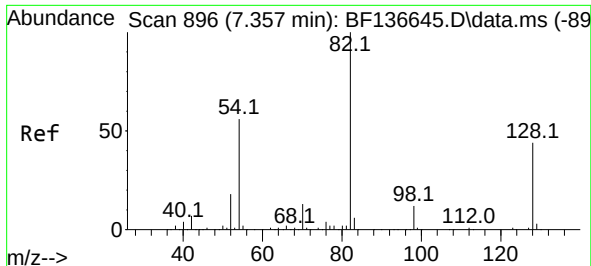
Tgt Ion: 99 Resp: 634042
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

Tgt Ion:136 Resp: 256220
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.4
54 8.4 7.2 10.8
68 5.8 4.9 7.3

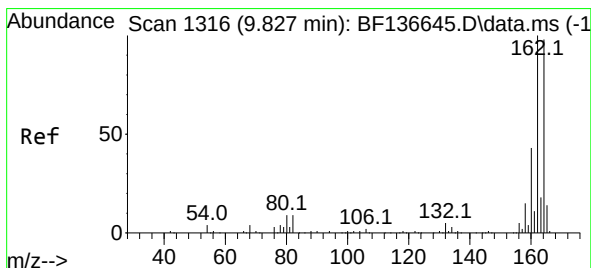
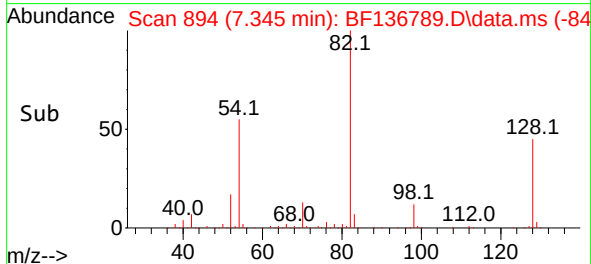
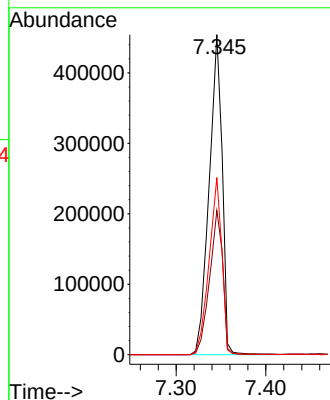
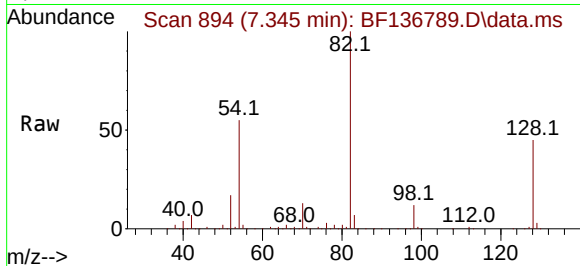




#23
 Nitrobenzene-d5
 Concen: 91.719 ng
 RT: 7.345 min Scan# 896
 Delta R.T. -0.012 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

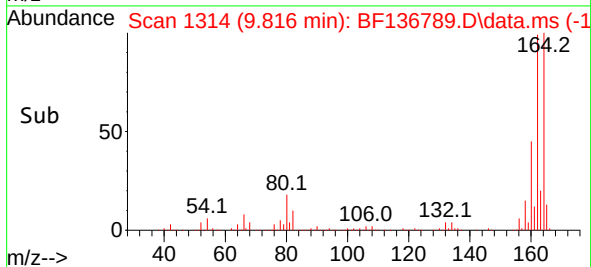
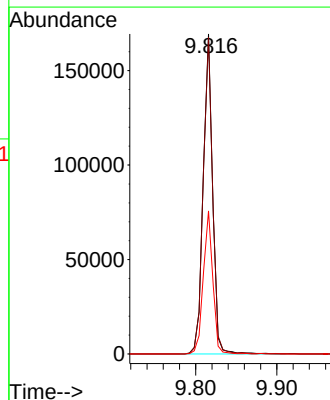
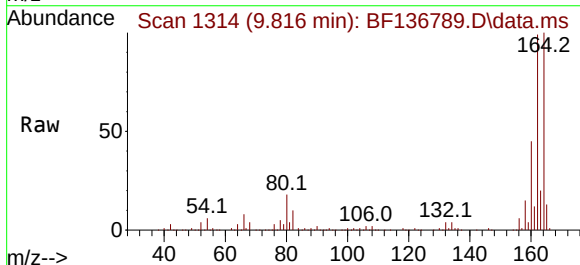
Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2

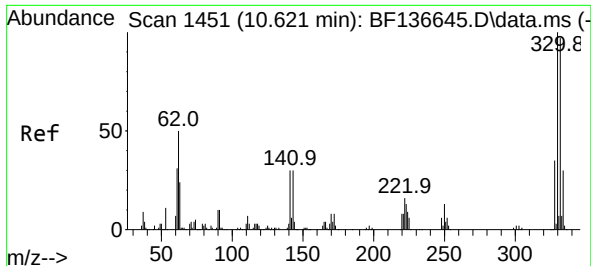
Tgt Ion: 82 Resp: 459249
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.3 52.9
 54 55.4 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

Tgt Ion:164 Resp: 136426
 Ion Ratio Lower Upper
 164 100
 162 98.9 81.6 122.4
 160 44.7 34.9 52.3

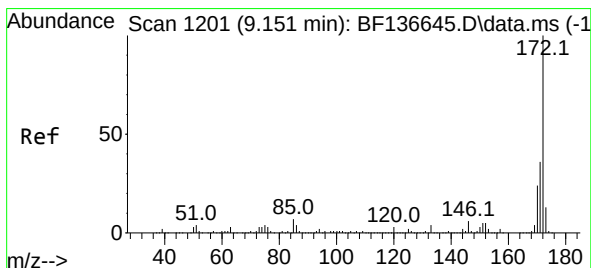
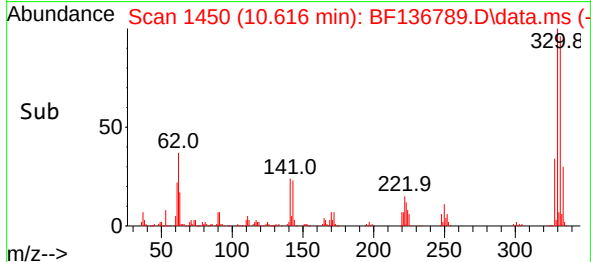
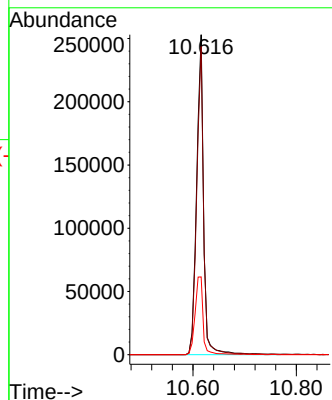
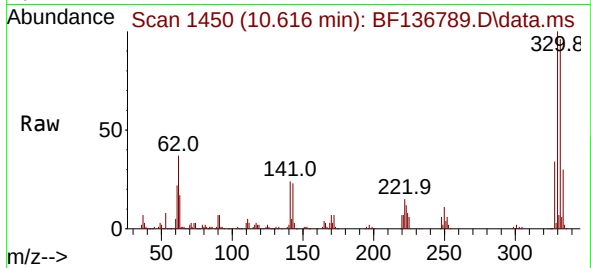




#42
2,4,6-Tribromophenol
Concen: 146.851 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

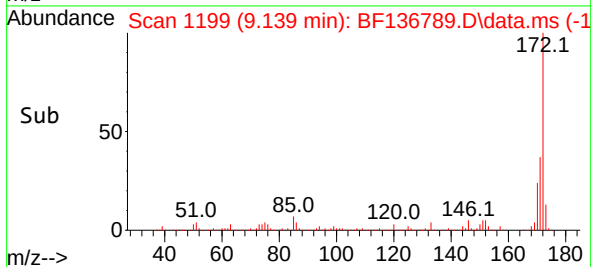
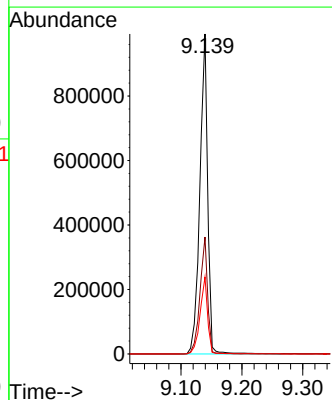
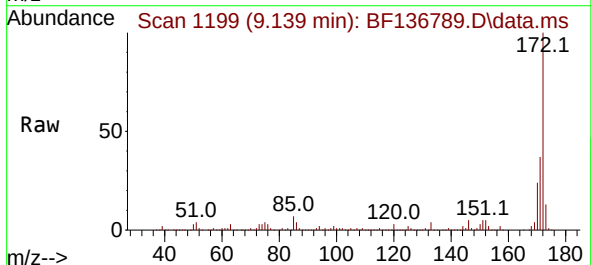
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ClientSampleId :
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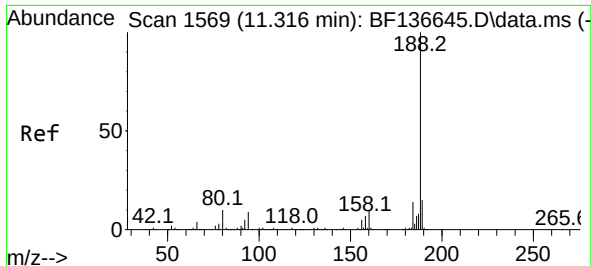
Tgt Ion:330 Resp: 235949
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 28.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 87.449 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

Tgt Ion:172 Resp: 887026
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.1 19.0 28.4

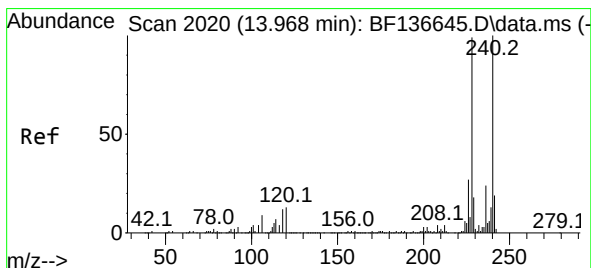
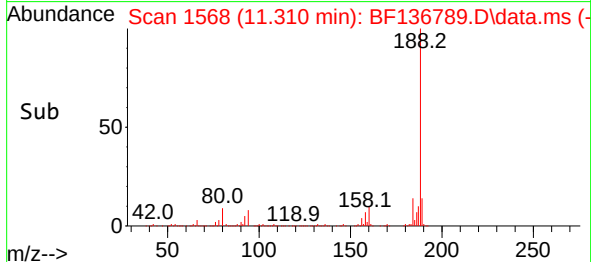
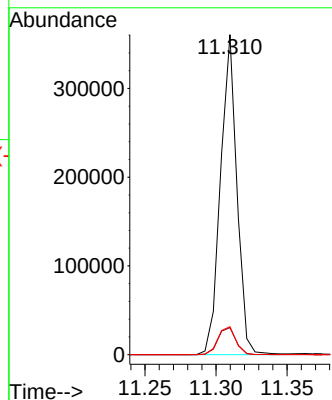
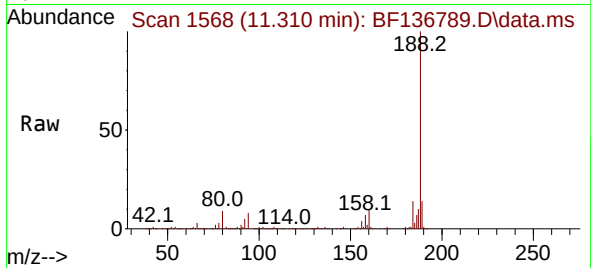




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

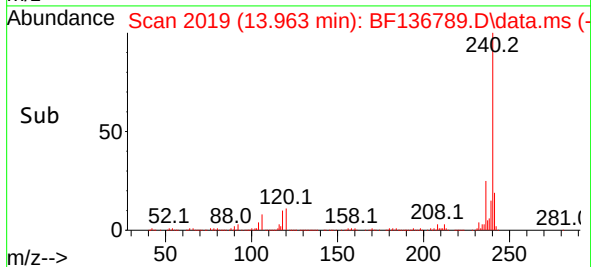
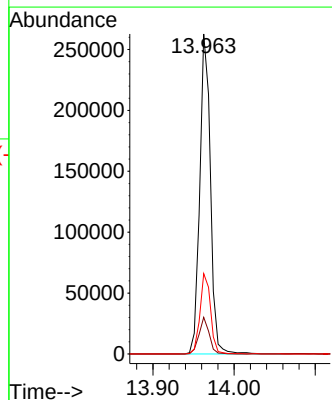
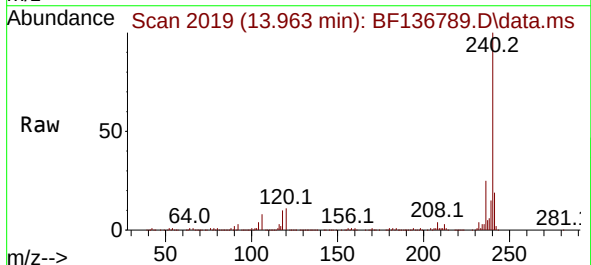
Instrument :
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MR-319-0-2

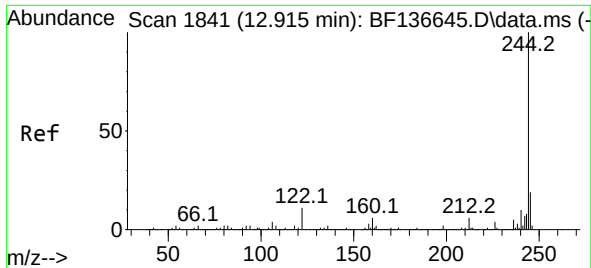
Tgt Ion:188 Resp: 288924
Ion Ratio Lower Upper
188 100
94 8.5 7.5 11.3
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136789.D
Acq: 28 Dec 2023 12:17

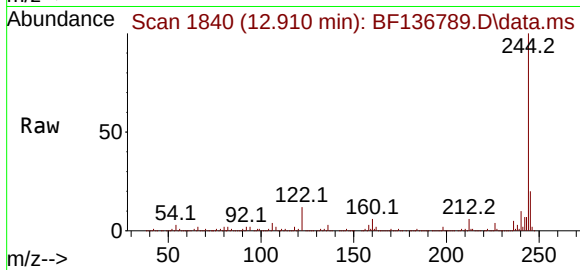
Tgt Ion:240 Resp: 240263
Ion Ratio Lower Upper
240 100
120 11.5 10.3 15.5
236 25.1 19.4 29.2





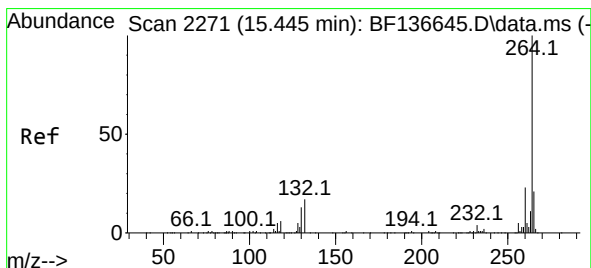
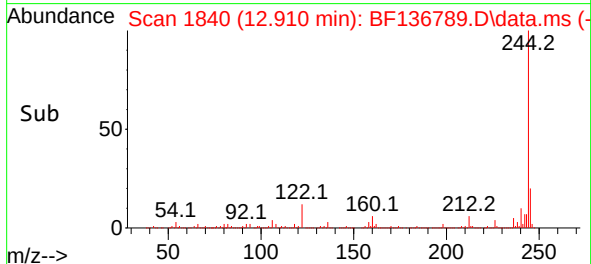
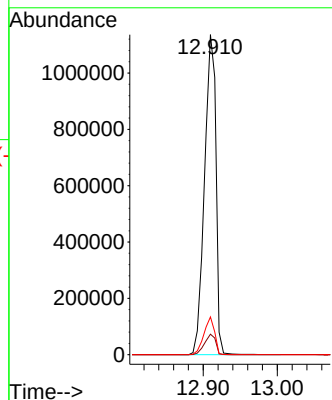
#79
 Terphenyl-d14
 Concen: 70.813 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

Instrument :
 BNA_F
 ClientSampleId :
 MR-319-0-2



Tgt Ion:244 Resp: 1217465

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	11.8	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.000 min
 Lab File: BF136789.D
 Acq: 28 Dec 2023 12:17

Tgt Ion:264 Resp: 191863

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	21.3	17.0	25.6

