

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080423\
 Data File : BF134624.D
 Acq On : 04 Aug 2023 10:39
 Operator : CG\JU
 Sample : 03756-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-9-CS-9

Quant Time: Aug 05 00:10:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	193763	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	768646	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	386918	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	639080	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	375399	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	461452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	622100	48.805	ng	0.00
7) Phenol-d6	6.422	99	813835	49.946	ng	-0.02
23) Nitrobenzene-d5	7.351	82	461636	37.532	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	200566	50.850	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	913667	39.263	ng	-0.01
79) Terphenyl-d14	12.910	244	778578	36.562	ng	-0.01

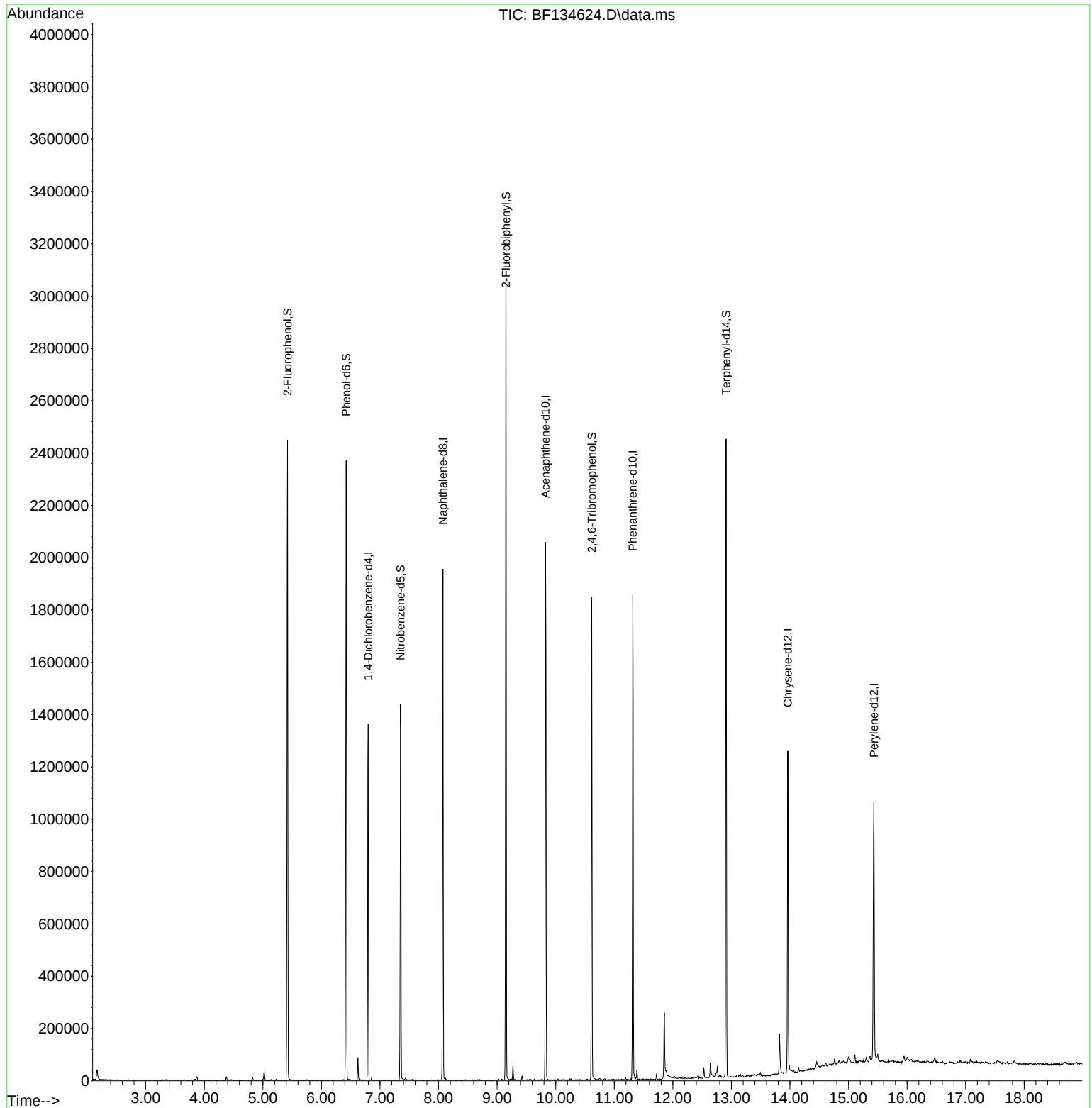
Target Compounds	Qvalue

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

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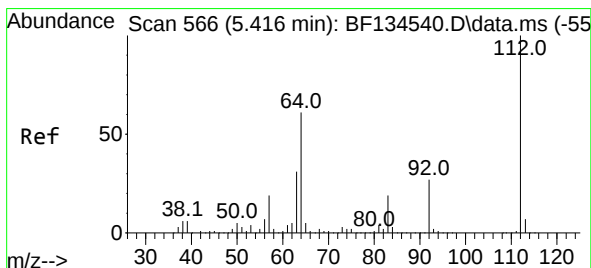
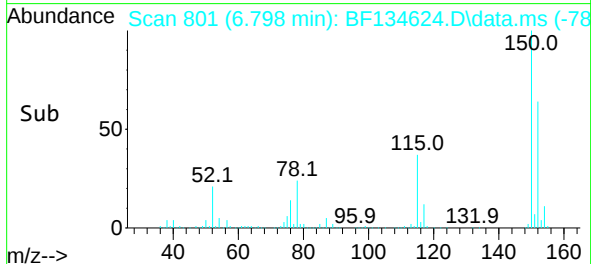
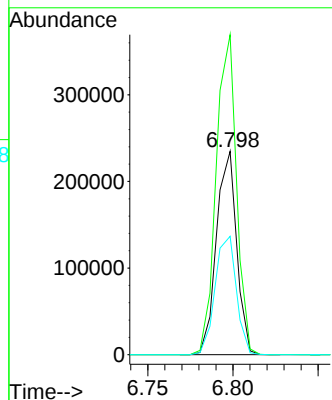
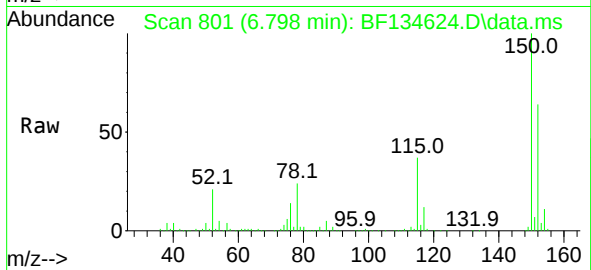




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

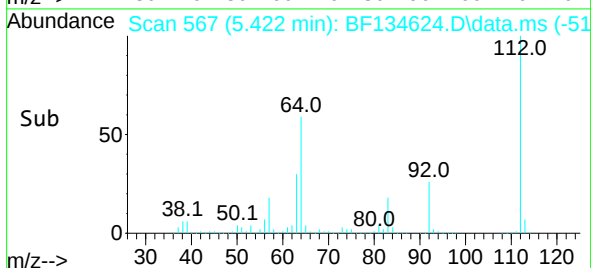
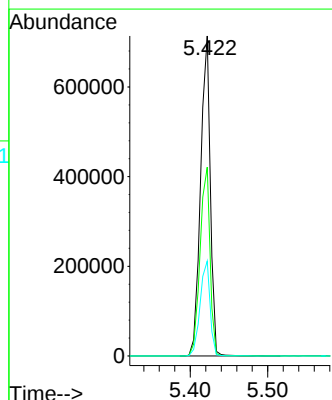
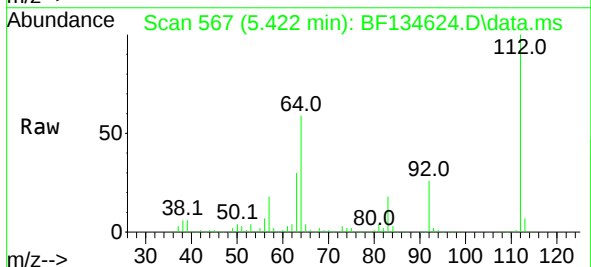
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

Tgt Ion:152 Resp: 193763
Ion Ratio Lower Upper
152 100
150 157.4 128.3 192.5
115 58.2 52.4 78.6



#5
2-Fluorophenol
Concen: 48.805 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

Tgt Ion:112 Resp: 622100
Ion Ratio Lower Upper
112 100
64 59.0 44.9 67.3
63 29.6 25.4 38.0

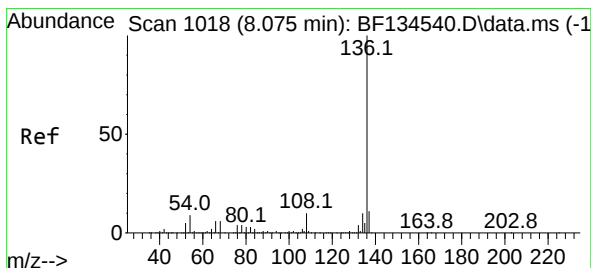
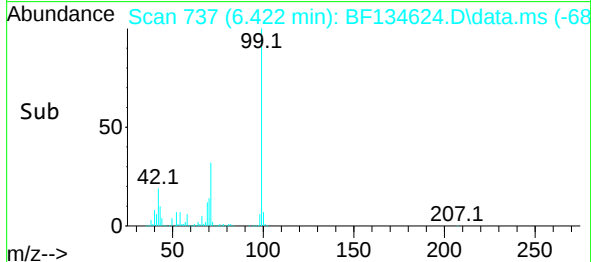
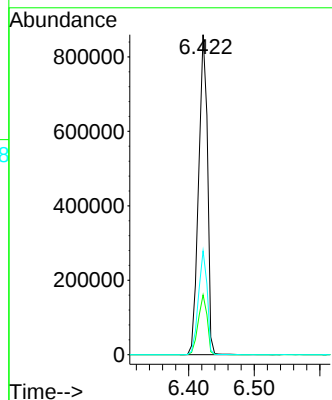
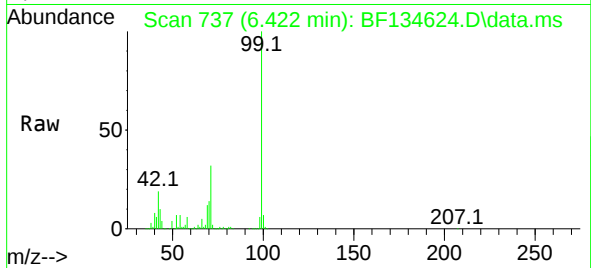




#7
Phenol-d6
Concen: 49.946 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

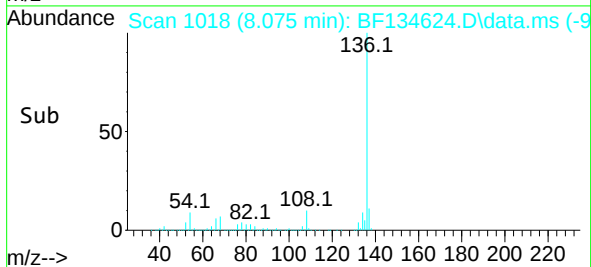
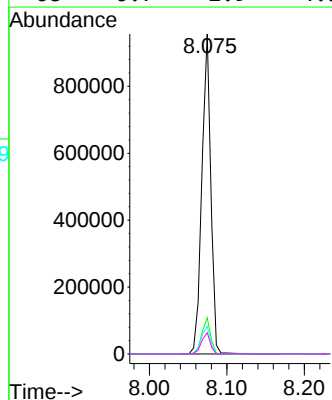
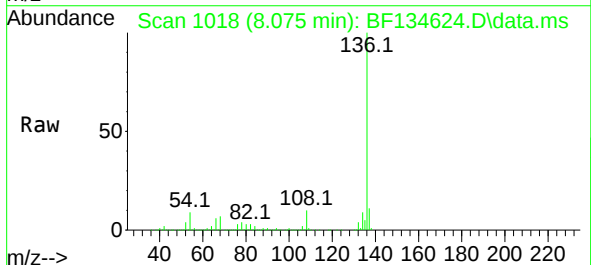
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9

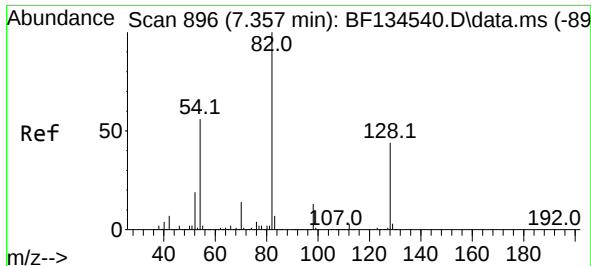
Tgt Ion: 99 Resp: 813835
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 32.4 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

Tgt Ion: 136 Resp: 768646
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.6 5.2 7.8#
68 6.7 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 37.532 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF134624.D

Acq: 04 Aug 2023 10:39

Instrument :

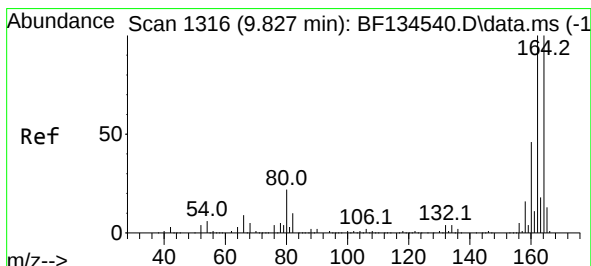
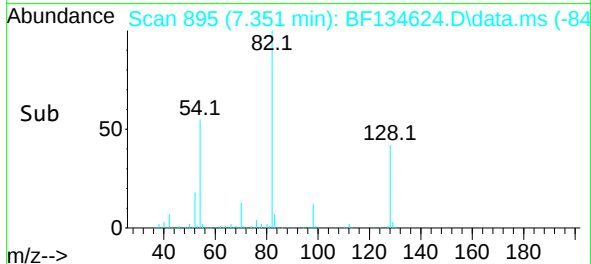
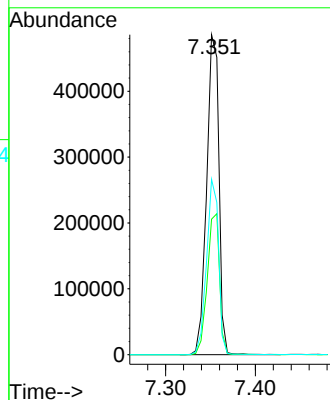
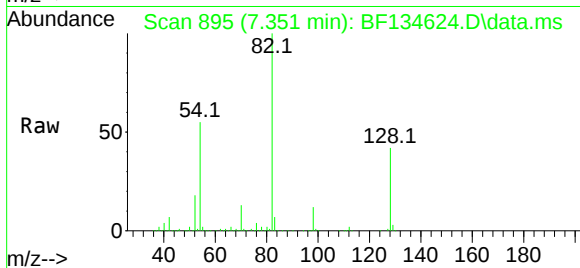
BNA_F

ClientSampleId :

RPTP-9-CS-9

Tgt Ion: 82 Resp: 461636

Ion	Ratio	Lower	Upper
82	100		
128	42.4	34.3	51.5
54	54.8	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1316

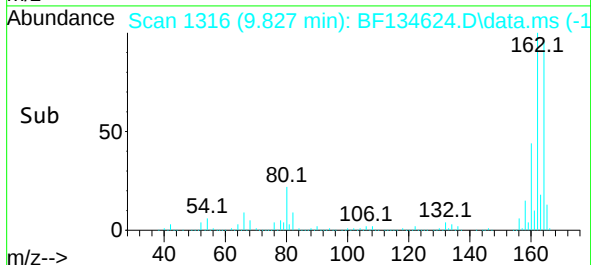
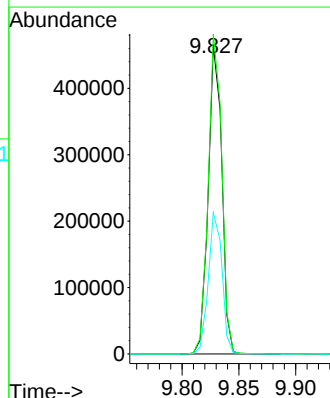
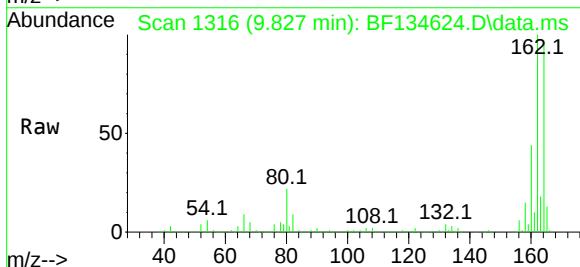
Delta R.T. -0.006 min

Lab File: BF134624.D

Acq: 04 Aug 2023 10:39

Tgt Ion: 164 Resp: 386918

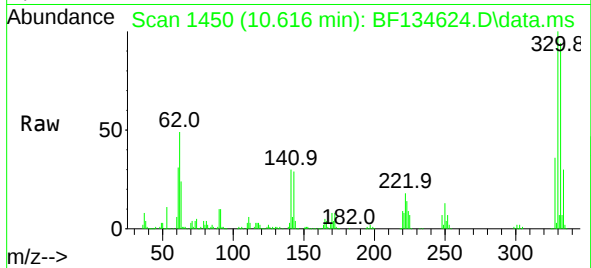
Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	45.8	37.2	55.8



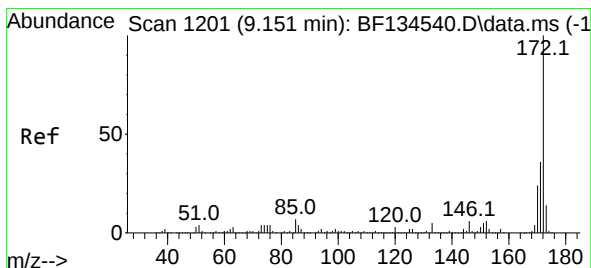
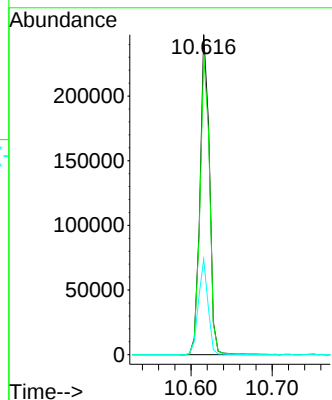
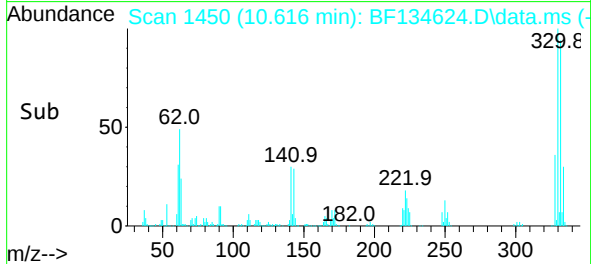


#42
2,4,6-Tribromophenol
Concen: 50.850 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

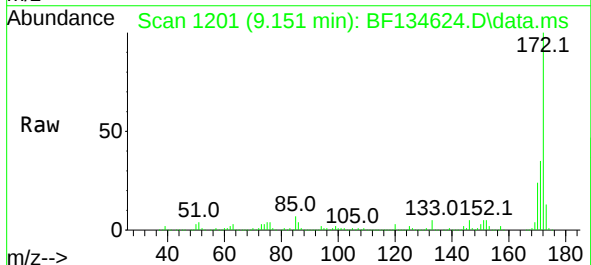
Instrument :
BNA_F
ClientSampleId :
RPTP-9-CS-9



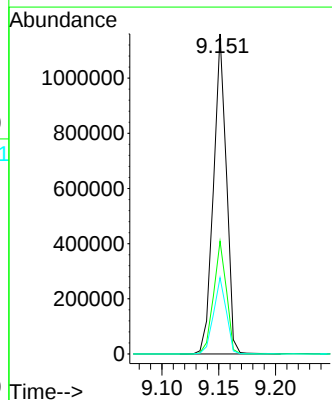
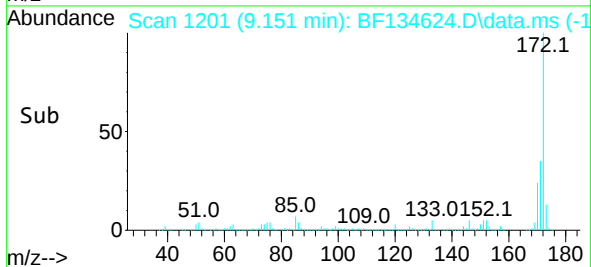
Tgt Ion:330 Resp: 200566
Ion Ratio Lower Upper
330 100
332 95.0 78.8 118.2
141 30.3 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 39.263 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39



Tgt Ion:172 Resp: 913667
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.9 18.7 28.1

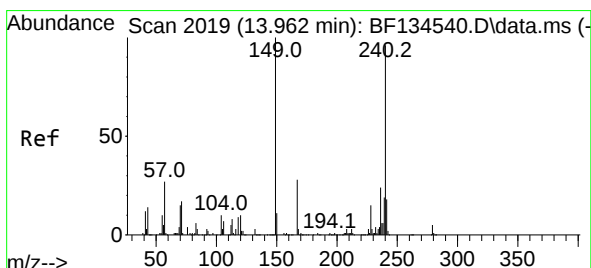
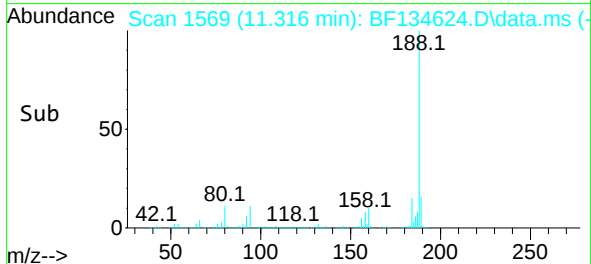
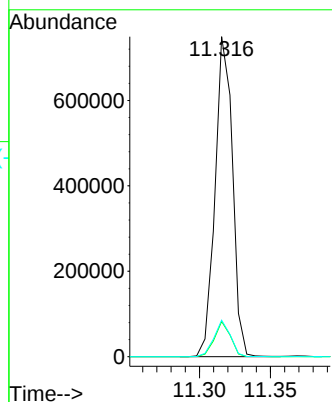
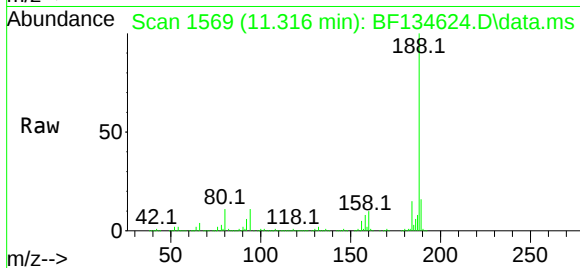




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

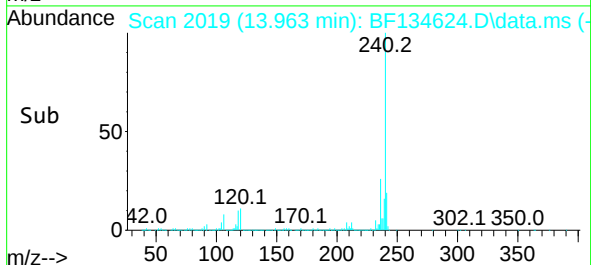
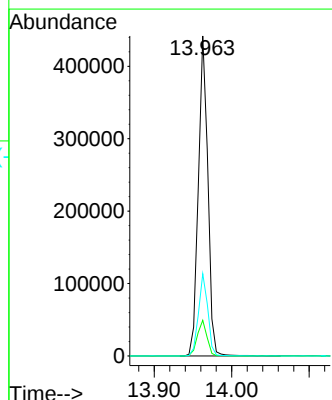
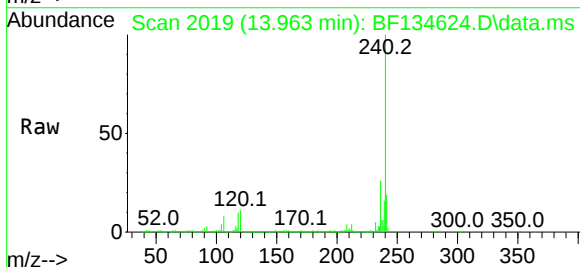
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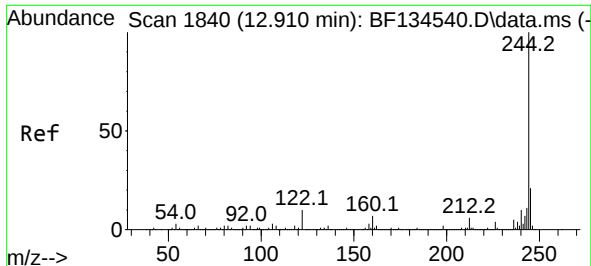
Tgt Ion:188 Resp: 639080
Ion Ratio Lower Upper
188 100
94 11.0 5.1 7.7#
80 11.4 6.6 9.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF134624.D
Acq: 04 Aug 2023 10:39

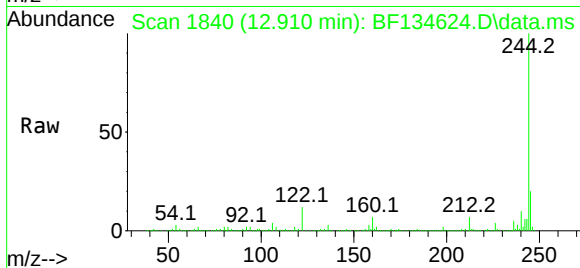
Tgt Ion:240 Resp: 375399
Ion Ratio Lower Upper
240 100
120 11.2 6.6 10.0#
236 25.7 20.2 30.2





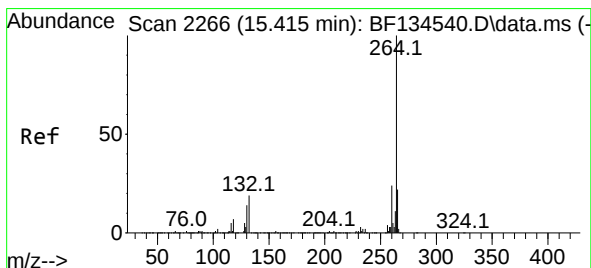
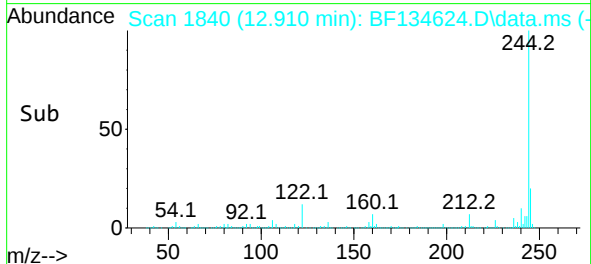
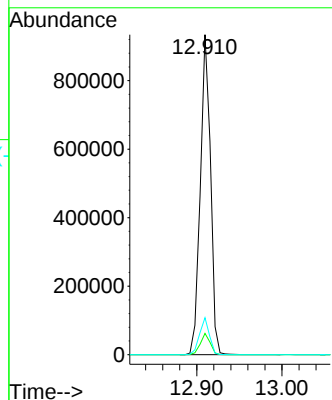
#79
 Terphenyl-d14
 Concen: 36.562 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134624.D
 Acq: 04 Aug 2023 10:39

Instrument :
 BNA_F
 ClientSampleId :
 RPTP-9-CS-9



Tgt Ion:244 Resp: 778578

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	11.5	8.0	12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134624.D
 Acq: 04 Aug 2023 10:39

Tgt Ion:264 Resp: 461452

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	22.0	15.8	23.8

