

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136722.D
 Acq On : 26 Dec 2023 16:38
 Operator : CG\JU
 Sample : 05929-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD-2

Quant Time: Dec 26 17:03:31 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	73450	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	269244	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	120607	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	191981	20.000	ng	# 0.00
76) Chrysene-d12	13.962	240	153884	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	125994	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	371907	79.004	ng	0.00
7) Phenol-d6	6.428	99	499444	81.879	ng	-0.01
23) Nitrobenzene-d5	7.345	82	316764	60.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	78349	55.159	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	606014	67.581	ng	-0.01
79) Terphenyl-d14	12.904	244	534298	48.521	ng	-0.01

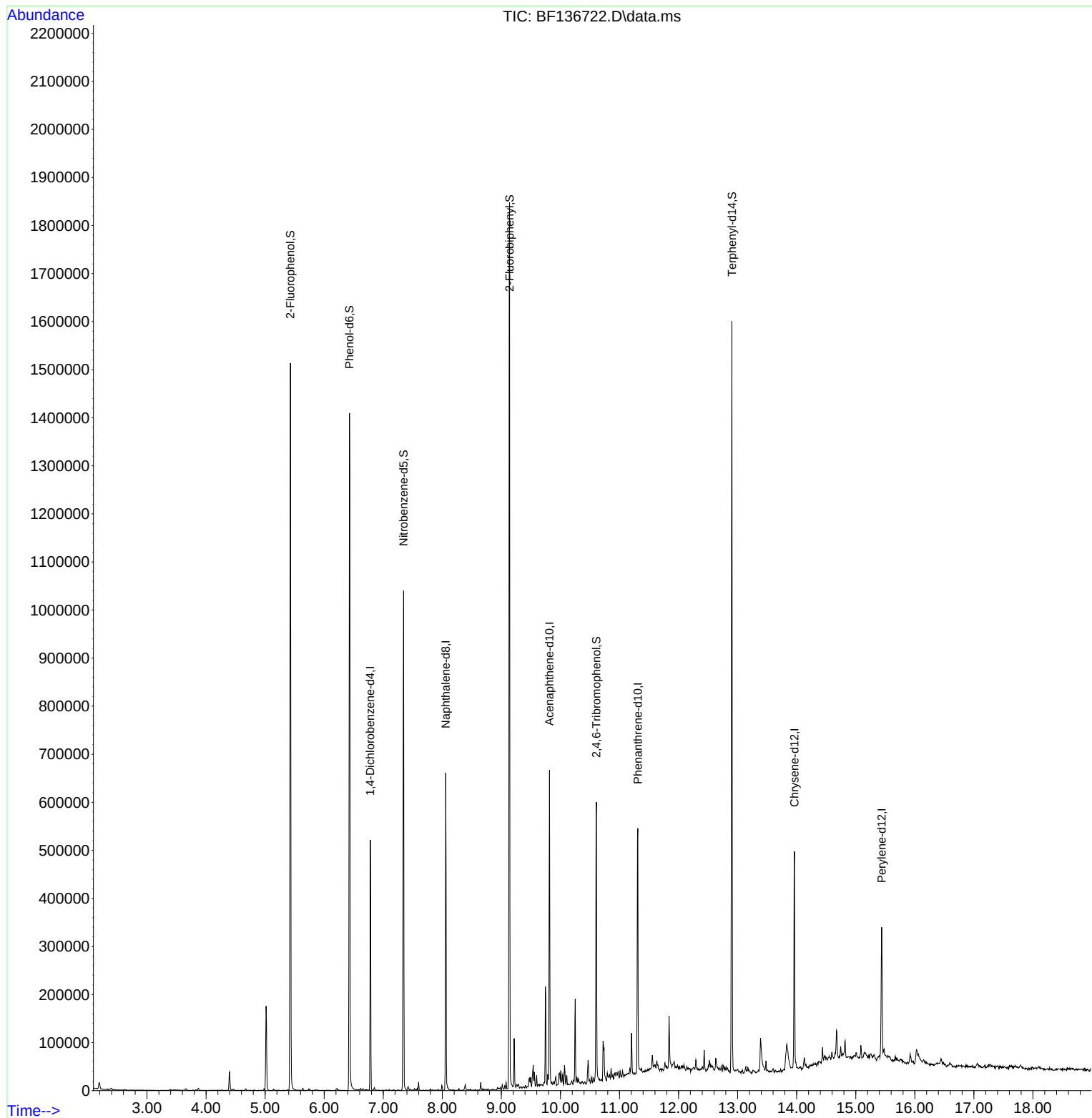
Target Compounds	Qvalue

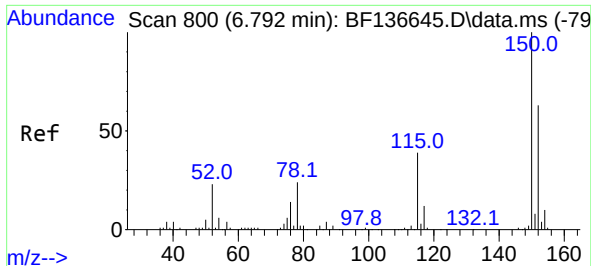
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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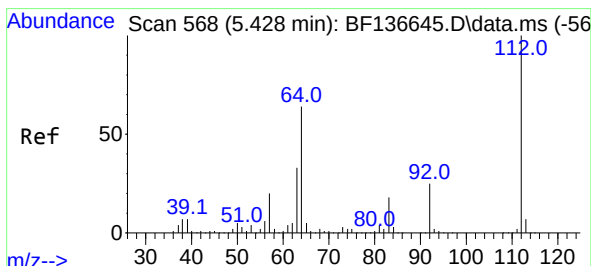
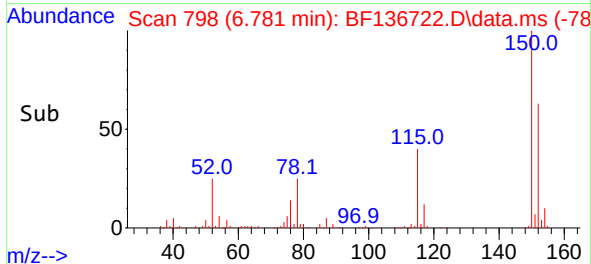
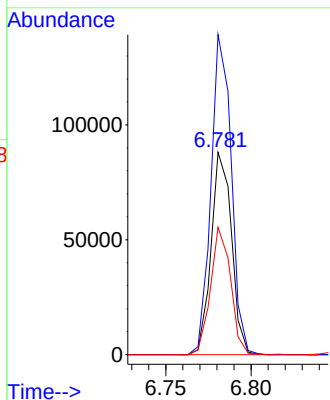
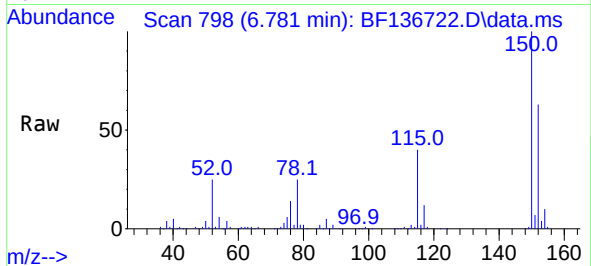




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

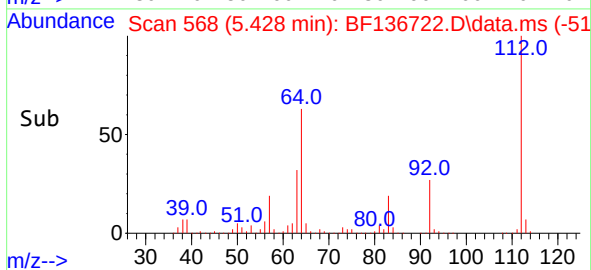
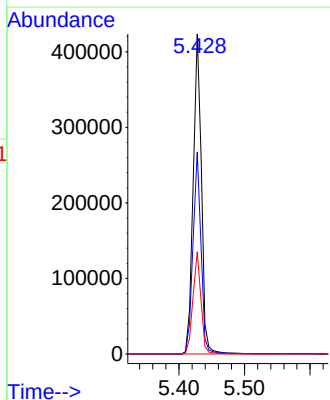
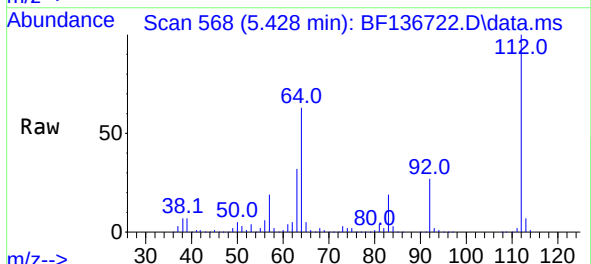
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

Tgt Ion:152 Resp: 73450
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 63.0 49.0 73.4

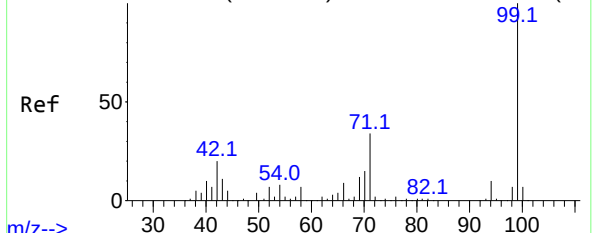


#5
2-Fluorophenol
Concen: 79.004 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

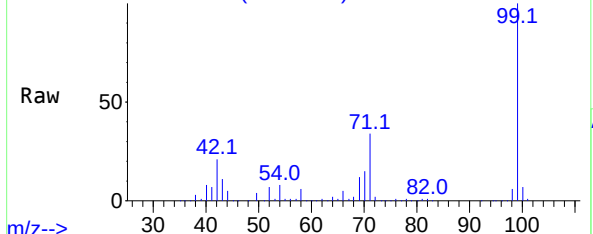
Tgt Ion:112 Resp: 371907
Ion Ratio Lower Upper
112 100
64 63.1 51.1 76.7
63 32.0 26.1 39.1



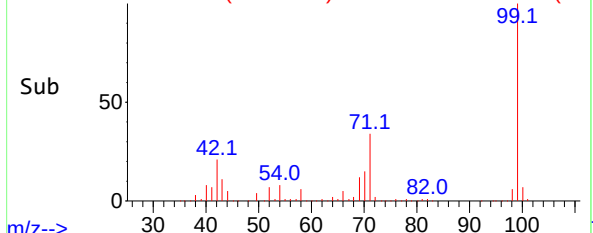
Abundance Scan 740 (6.439 min): BF136645.D\data.ms (-73



m/z--> Scan 738 (6.428 min): BF136722.D\data.ms

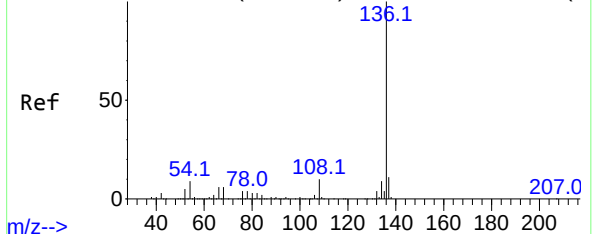


m/z--> Abundance Scan 738 (6.428 min): BF136722.D\data.ms (-68

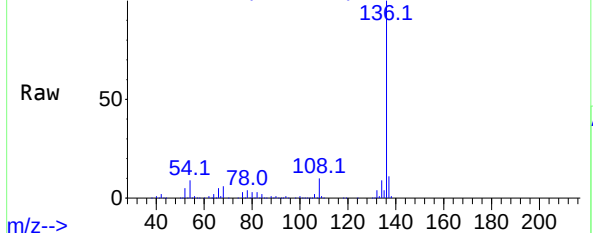


m/z-->

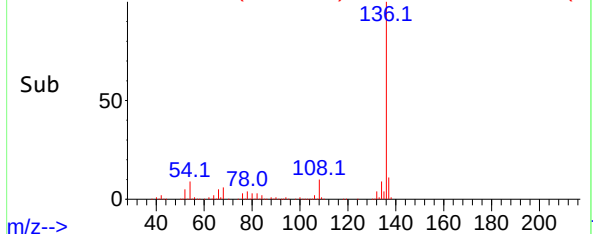
Abundance Scan 1017 (8.069 min): BF136645.D\data.ms (-1



m/z--> Abundance Scan 1015 (8.057 min): BF136722.D\data.ms



m/z--> Abundance Scan 1015 (8.057 min): BF136722.D\data.ms (-9



m/z-->

#7

Phenol-d6

Concen: 81.879 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136722.D

Acq: 26 Dec 2023 16:38

Instrument :

BNA_F

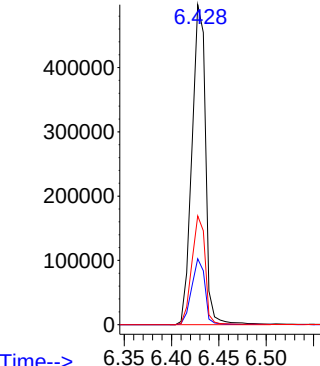
ClientSampleId :

CONCRETE-PAD-2

Tgt Ion: 99 Resp: 499444

Ion	Ratio	Lower	Upper
99	100		
42	20.6	16.1	24.1
71	34.0	27.4	41.2

Abundance



Time-->

#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

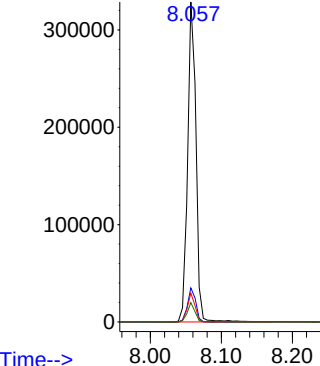
Lab File: BF136722.D

Acq: 26 Dec 2023 16:38

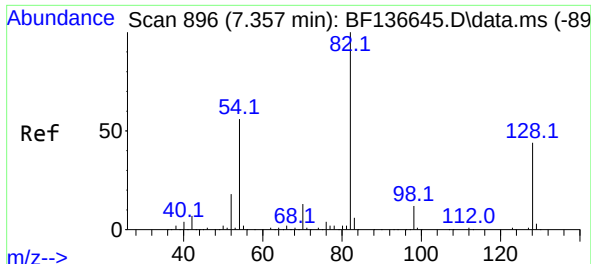
Tgt Ion: 136 Resp: 269244

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	9.0	7.2	10.8
68	6.1	4.9	7.3

Abundance



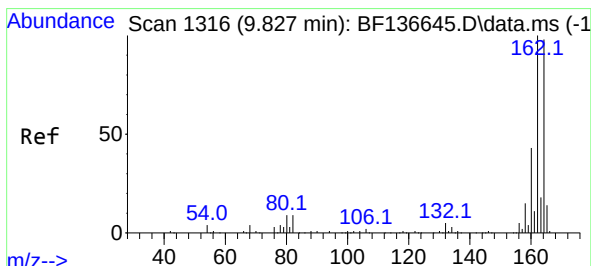
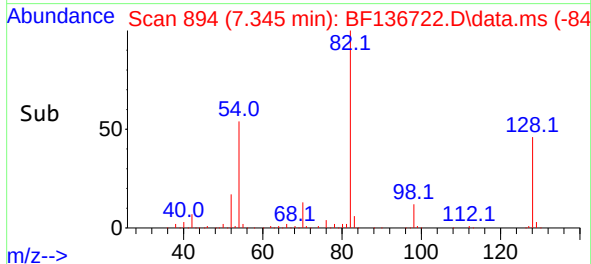
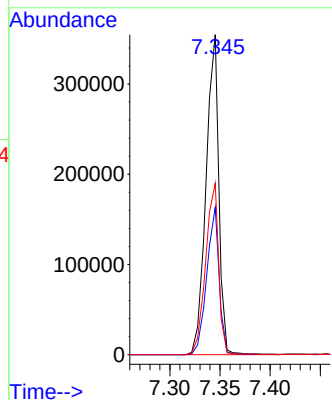
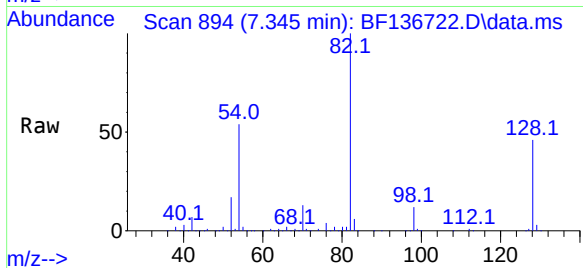
Time-->



#23
Nitrobenzene-d5
Concen: 60.202 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

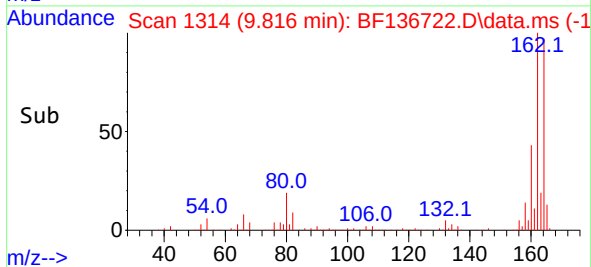
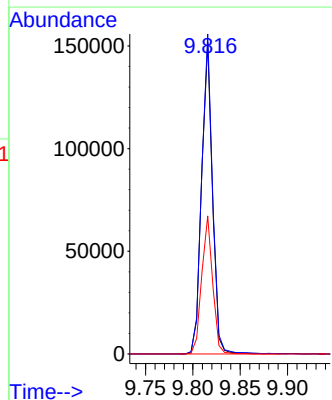
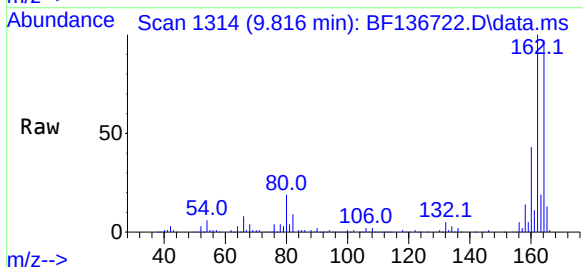
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

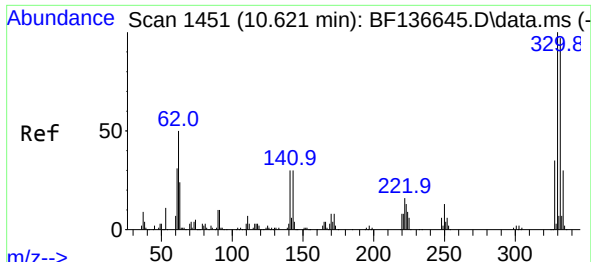
Tgt Ion: 82 Resp: 316764
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 53.6 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

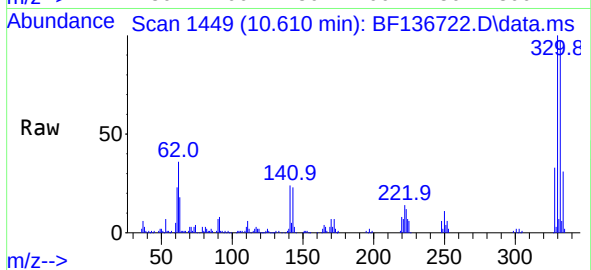
Tgt Ion:164 Resp: 120607
Ion Ratio Lower Upper
164 100
162 102.8 81.6 122.4
160 44.4 34.9 52.3



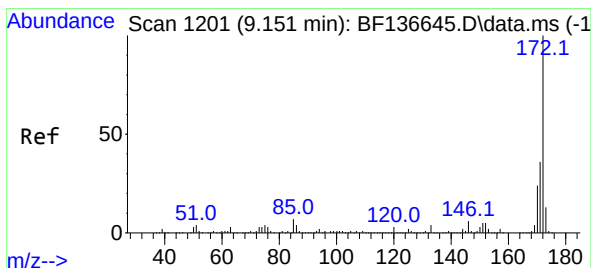
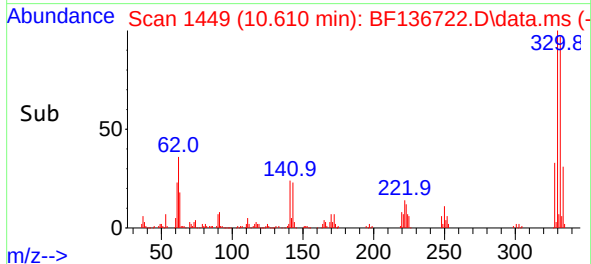
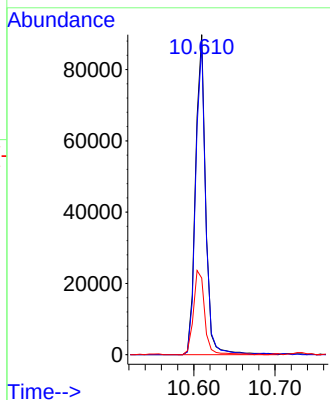


#42
2,4,6-Tribromophenol
Concen: 55.159 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PAD-2

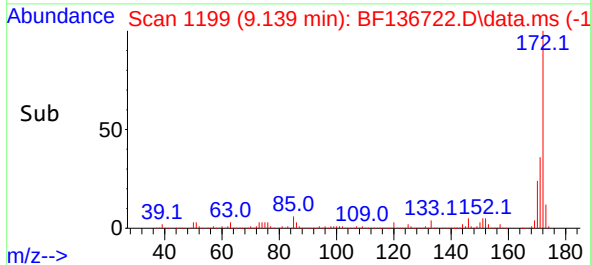
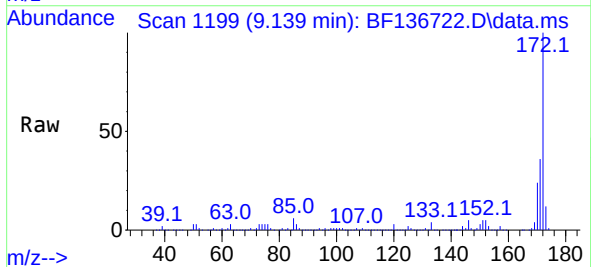
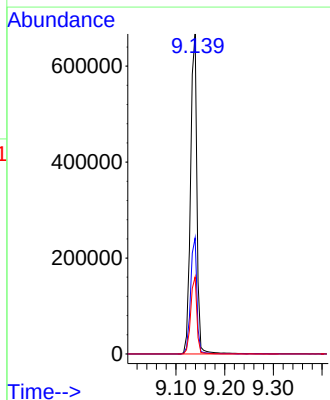


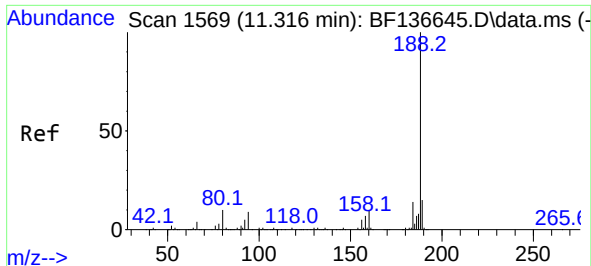
Tgt Ion:330 Resp: 78349
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 29.2 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 67.581 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

Tgt Ion:172 Resp: 606014
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.1 19.0 28.4

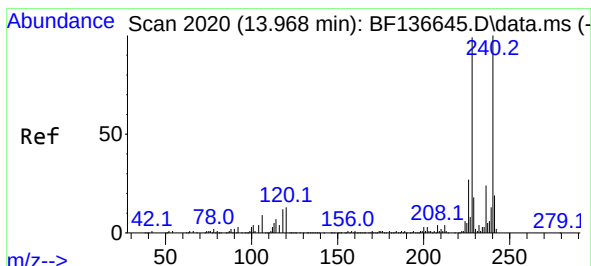
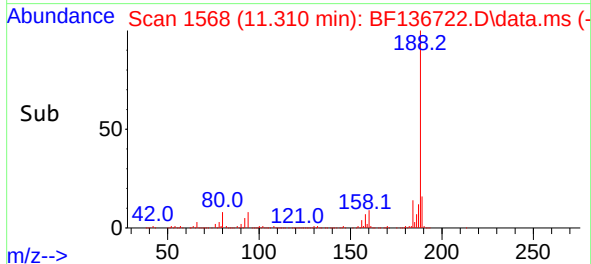
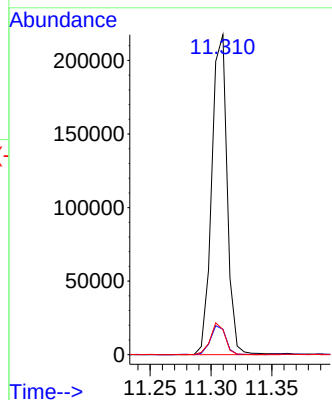
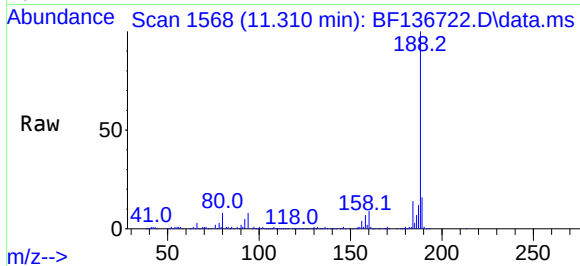




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

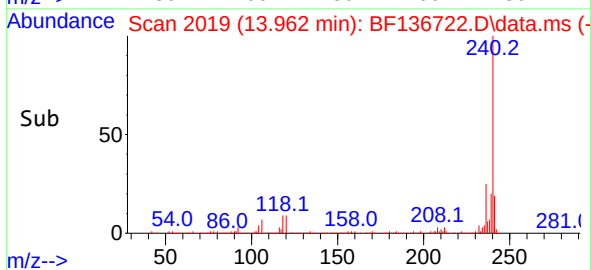
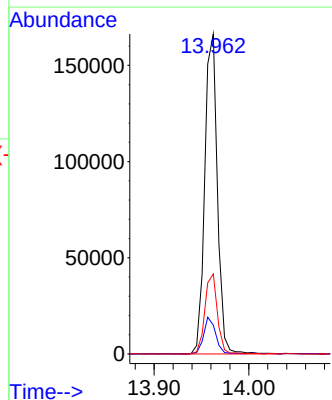
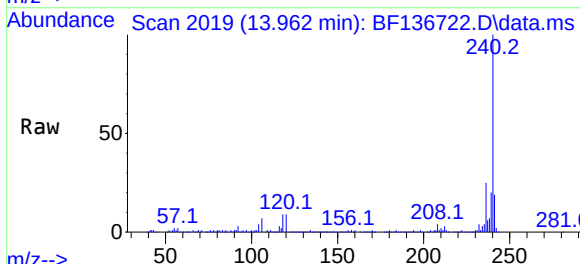
Instrument :
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ClientSampleId :
CONCRETE-PAD-2

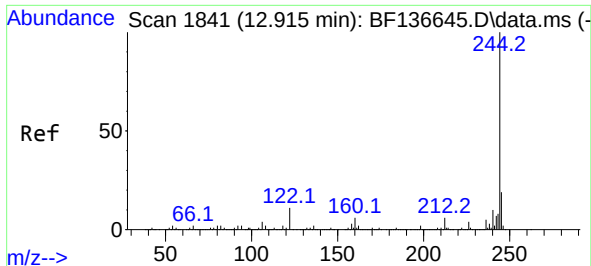
Tgt Ion:188 Resp: 191981
Ion Ratio Lower Upper
188 100
94 8.0 7.5 11.3
80 7.9 8.1 12.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136722.D
Acq: 26 Dec 2023 16:38

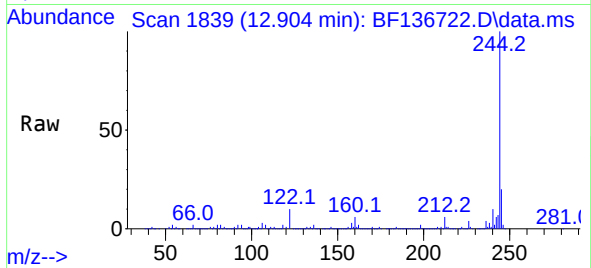
Tgt Ion:240 Resp: 153884
Ion Ratio Lower Upper
240 100
120 9.0 10.3 15.5#
236 25.0 19.4 29.2





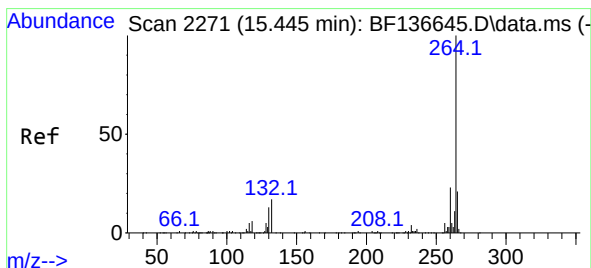
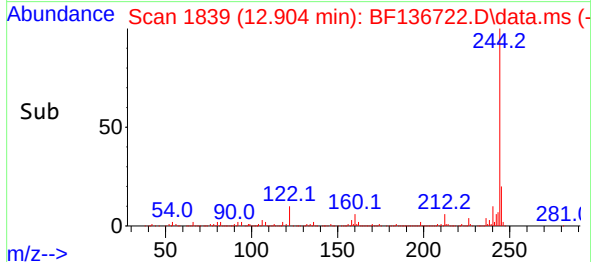
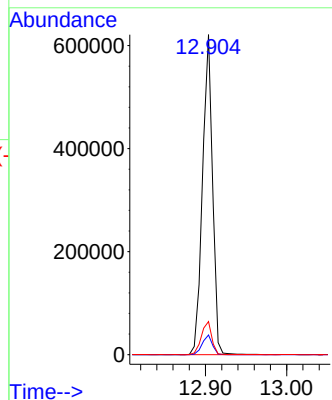
#79
 Terphenyl-d14
 Concen: 48.521 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136722.D
 Acq: 26 Dec 2023 16:38

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PAD-2



Tgt Ion:244 Resp: 534298

Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.0	7.4
122	10.4	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136722.D
 Acq: 26 Dec 2023 16:38

Tgt Ion:264 Resp: 125994

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.3	27.5
265	22.1	17.0	25.6

