

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082322\
 Data File : BF129955.D
 Acq On : 23 Aug 2022 15:59
 Operator : CG\JU
 Sample : N4142-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-WEST

Quant Time: Aug 24 01:54:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 04:41:40 2022
 Response via : Initial Calibration

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

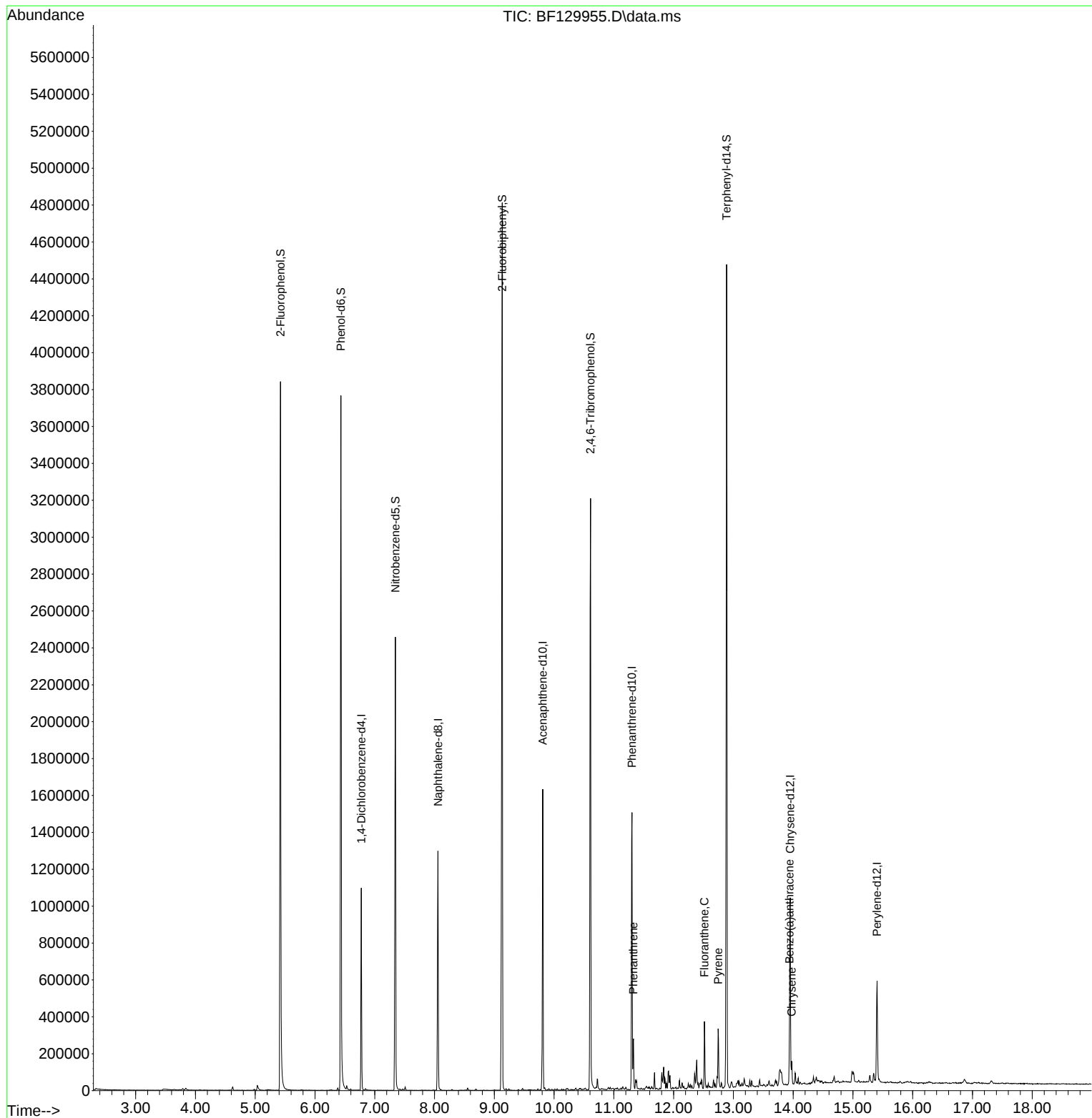
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	146175	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	598575	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	322518	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	543922	20.000	ng	0.00
76) Chrysene-d12	13.951	240	334764	20.000	ng	0.00
86) Perylene-d12	15.404	264	238900	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1006353	113.988	ng	0.01
7) Phenol-d6	6.434	99	1294511	117.088	ng	0.00
23) Nitrobenzene-d5	7.345	82	844211	75.500	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	364229	112.522	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1534909	72.282	ng	0.00
79) Terphenyl-d14	12.886	244	1525671	75.833	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.327	178	103335	3.402	ng	99
75) Fluoranthene	12.516	202	122516	3.941	ng	98
78) Pyrene	12.745	202	125000	4.297	ng	99
81) Benzo(a)anthracene	13.939	228	53106	2.306	ng	99
83) Chrysene	13.974	228	44668	2.072	ng	96

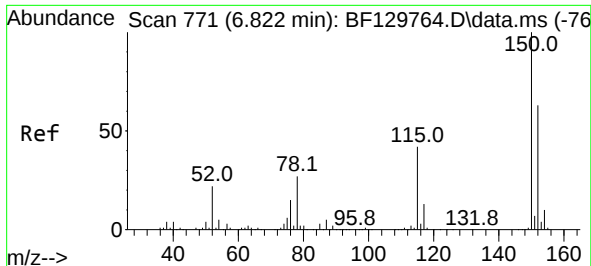
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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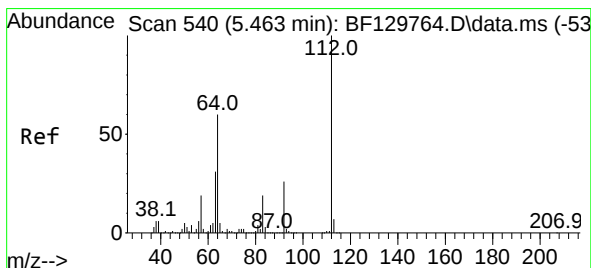
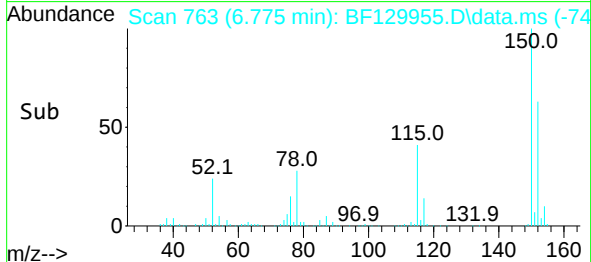
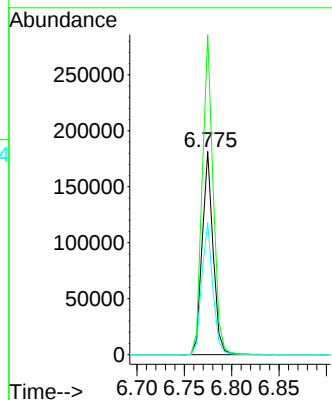
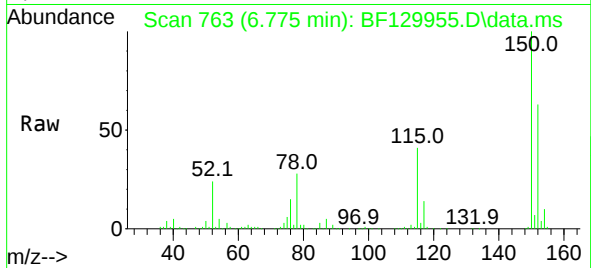




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

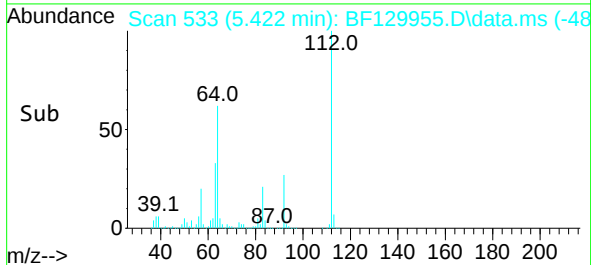
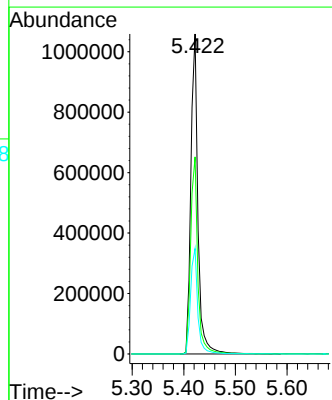
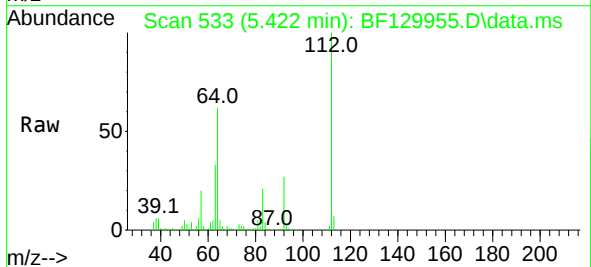
Instrument :
BNA_F
ClientSampleId :
UST-WEST

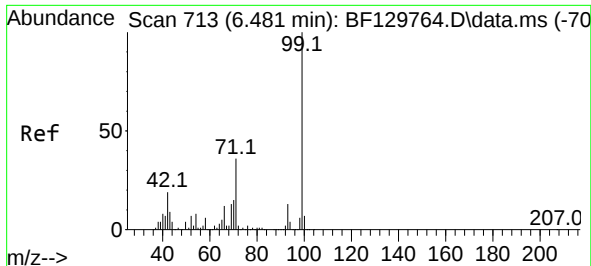
Tgt Ion:152 Resp: 146175
Ion Ratio Lower Upper
152 100
150 157.5 126.9 190.3
115 65.0 53.4 80.0



#5
2-Fluorophenol
Concen: 113.988 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.012 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

Tgt Ion:112 Resp: 1006353
Ion Ratio Lower Upper
112 100
64 61.6 47.6 71.4
63 32.9 24.6 37.0

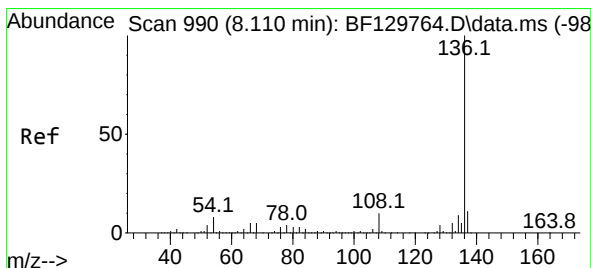
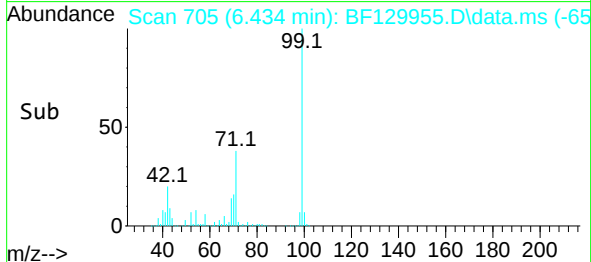
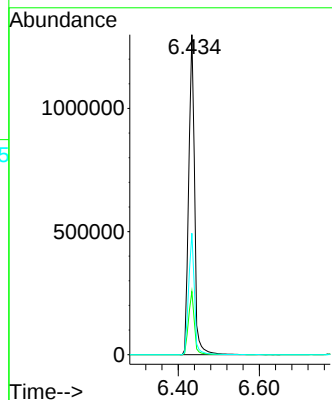
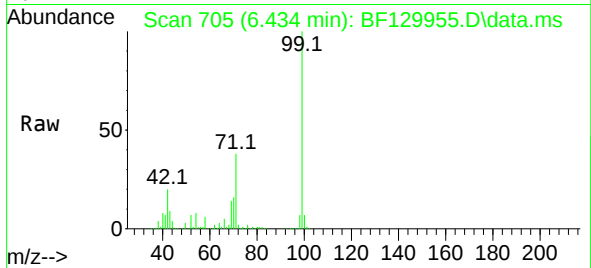




#7
Phenol-d6
Concen: 117.088 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

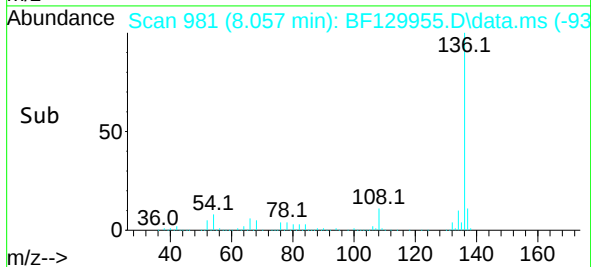
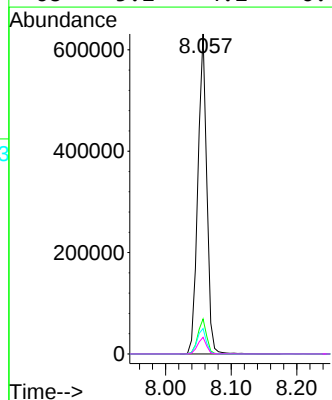
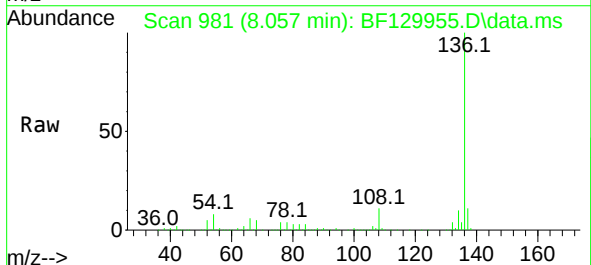
Instrument :
BNA_F
ClientSampleId :
UST-WEST

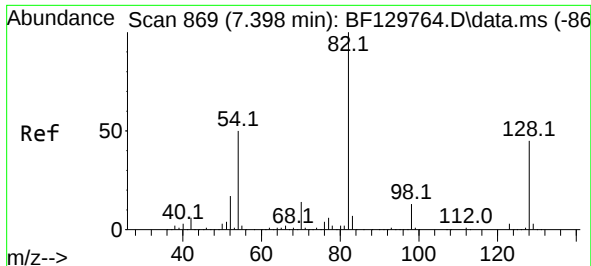
Tgt Ion: 99 Resp: 1294511
Ion Ratio Lower Upper
99 100
42 19.7 15.0 22.4
71 38.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 981
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

Tgt Ion: 136 Resp: 598575
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 6.2 9.2
68 5.2 4.2 6.4

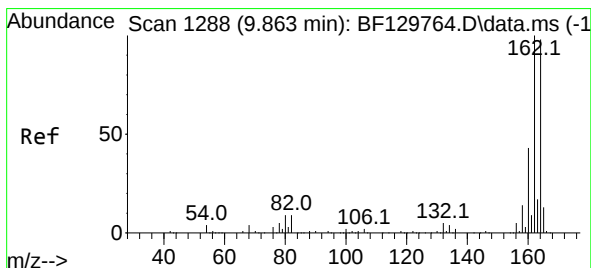
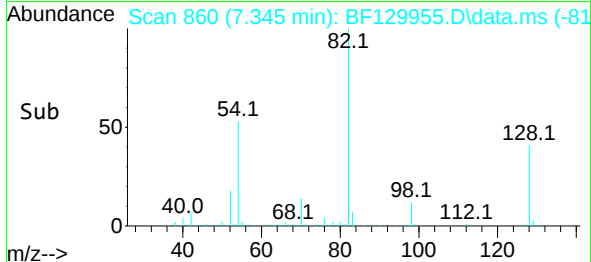
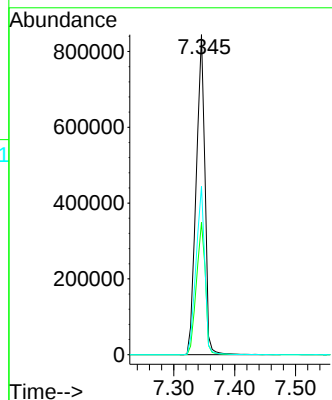
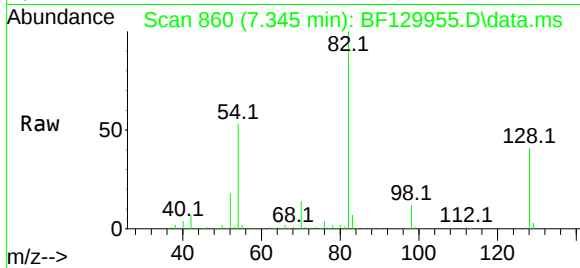




#23
Nitrobenzene-d5
Concen: 75.500 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

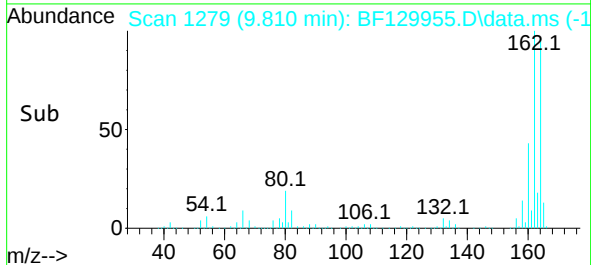
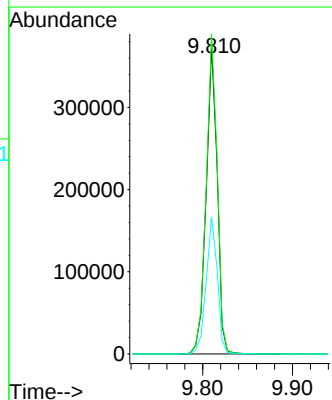
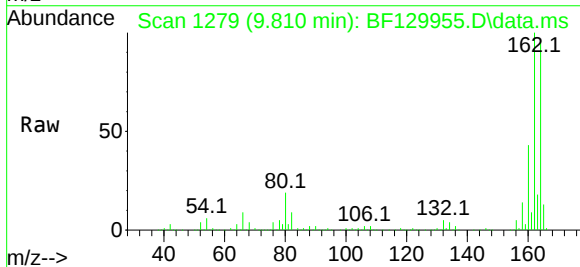
Instrument :
BNA_F
ClientSampleId :
UST-WEST

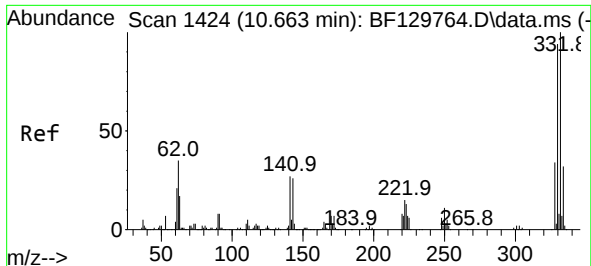
Tgt Ion: 82 Resp: 844211
Ion Ratio Lower Upper
82 100
128 41.3 36.1 54.1
54 52.5 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

Tgt Ion: 164 Resp: 322518
Ion Ratio Lower Upper
164 100
162 104.0 82.0 123.0
160 44.6 35.4 53.0

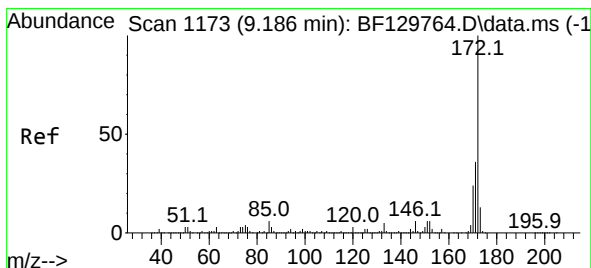
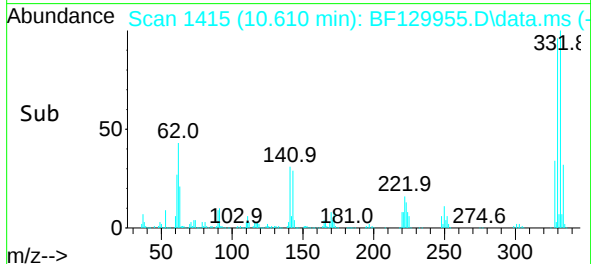
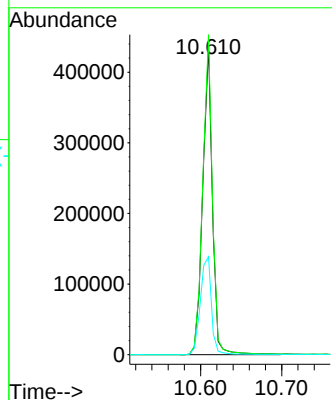
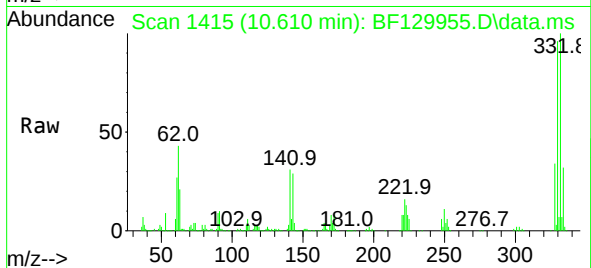




#42
2,4,6-Tribromophenol
Concen: 112.522 ng
RT: 10.610 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

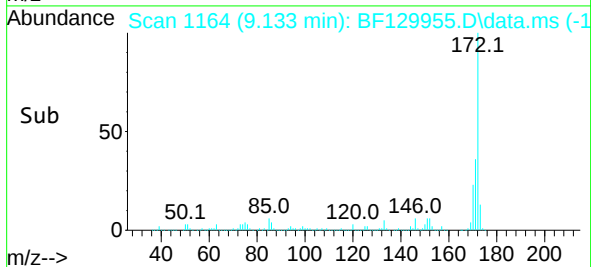
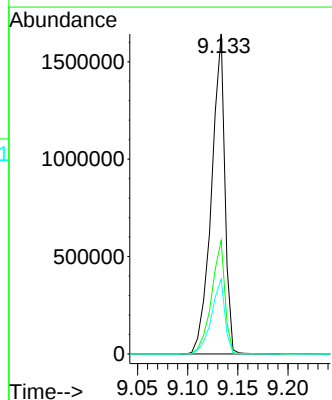
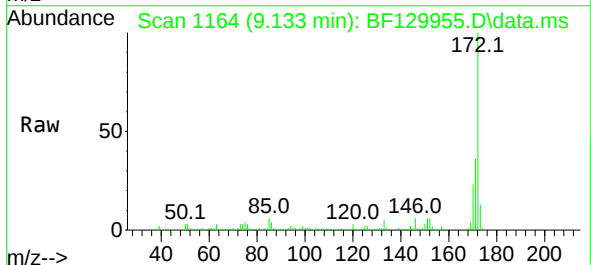
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ClientSampleId :
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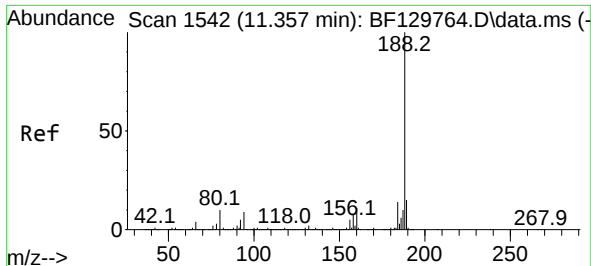
Tgt Ion:330 Resp: 364229
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 36.7 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 72.282 ng
RT: 9.133 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

Tgt Ion:172 Resp: 1534909
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.1 28.7

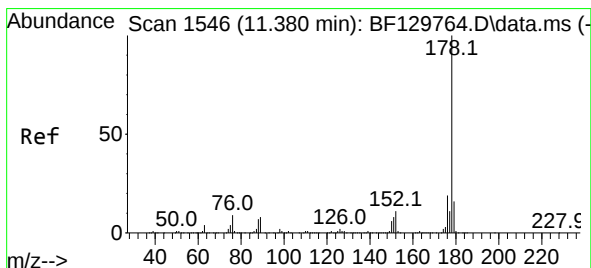
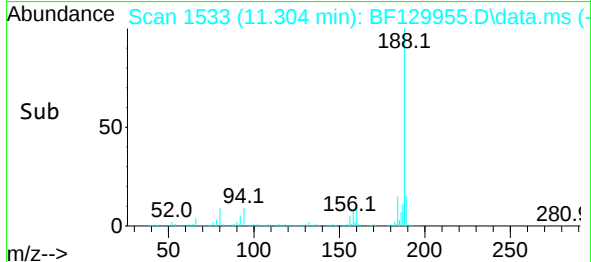
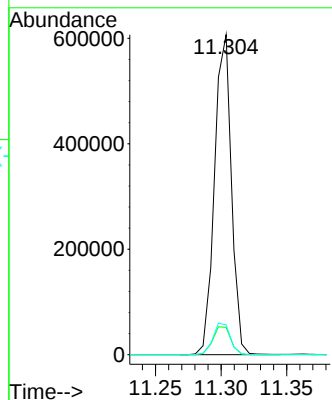
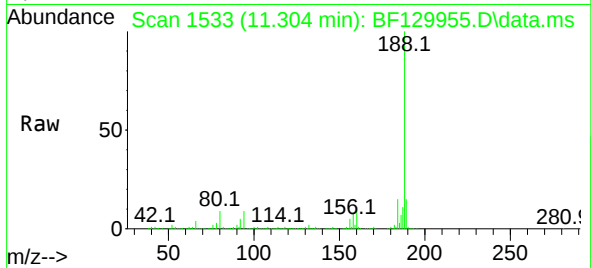




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

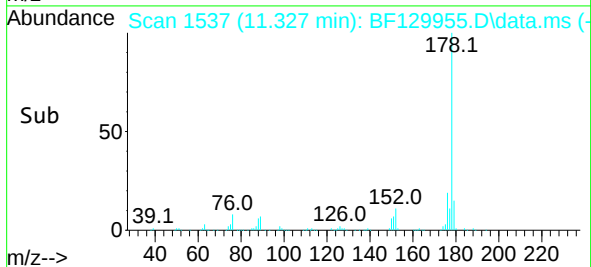
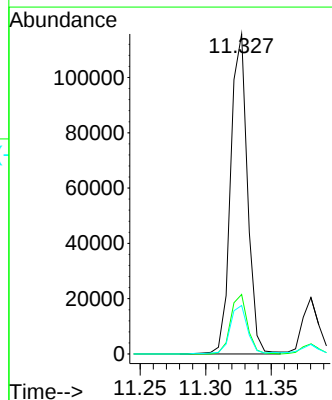
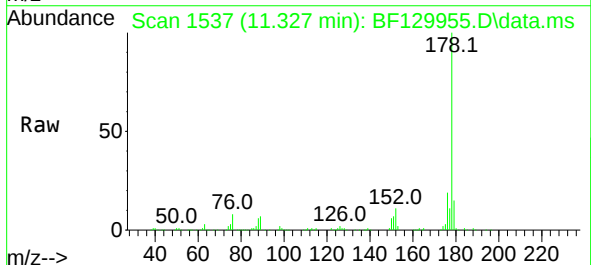
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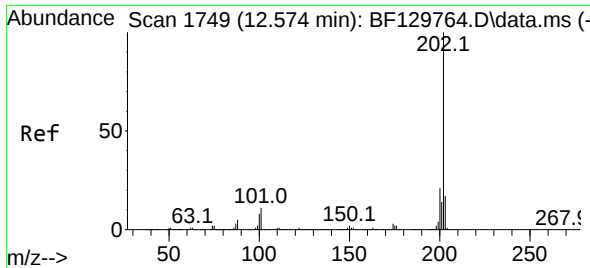
Tgt Ion:188 Resp: 543922
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 7.9 11.9



#71
Phenanthrene
Concen: 3.402 ng
RT: 11.327 min Scan# 1537
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

Tgt Ion:178 Resp: 103335
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.2 12.5 18.7

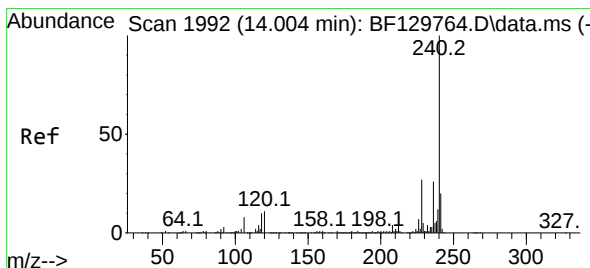
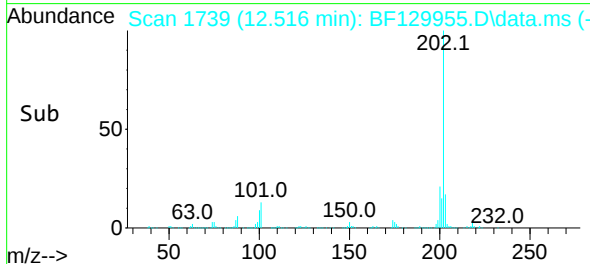
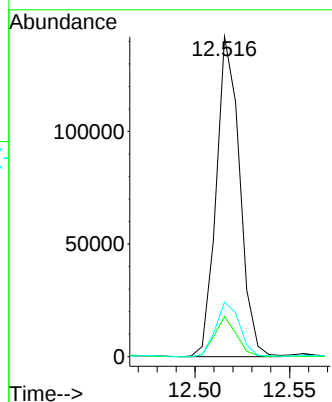
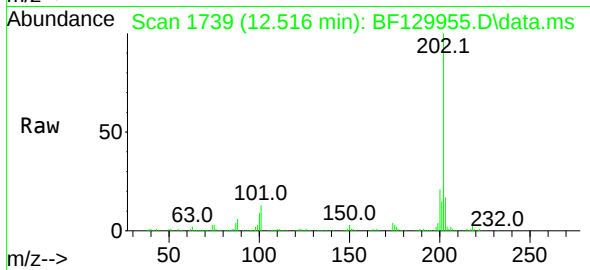




#75
Fluoranthene
Concen: 3.941 ng
RT: 12.516 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

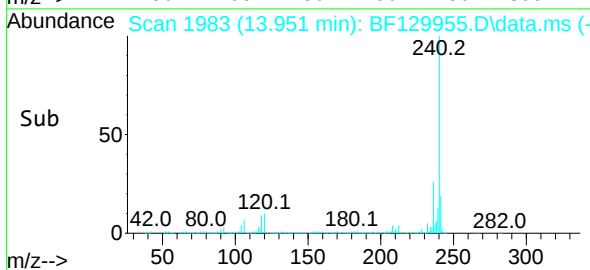
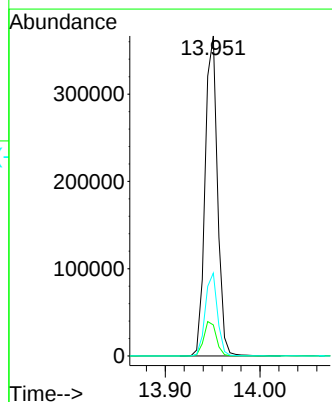
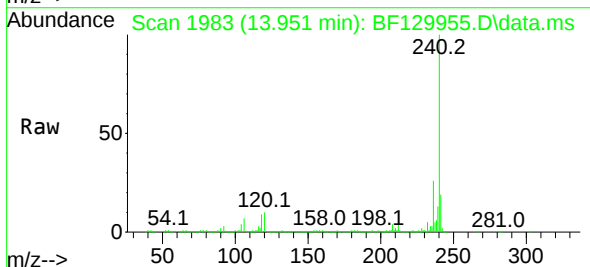
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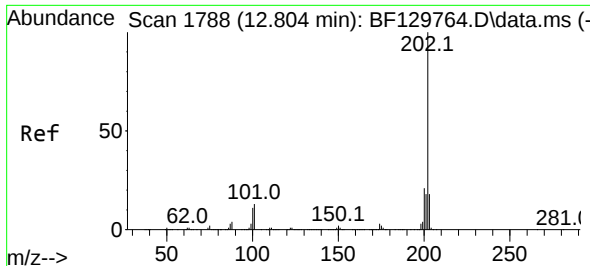
Tgt Ion:202 Resp: 122516
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.7
203 17.1 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

Tgt Ion:240 Resp: 334764
Ion Ratio Lower Upper
240 100
120 9.7 9.2 13.8
236 25.9 20.7 31.1

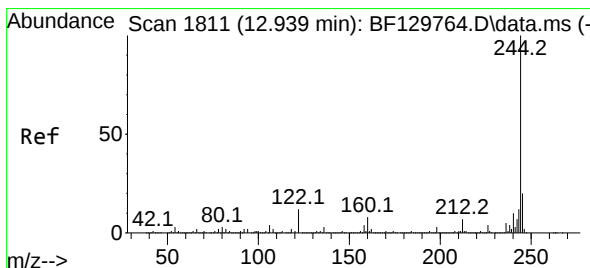
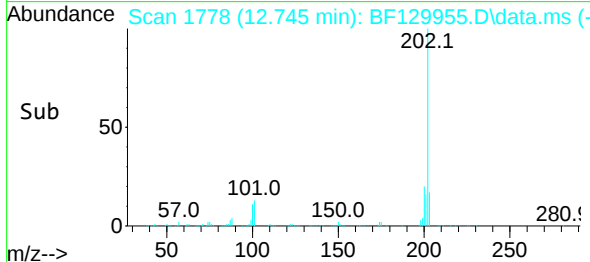
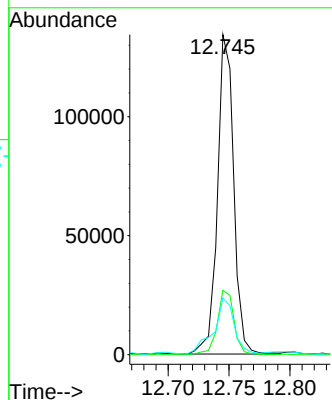
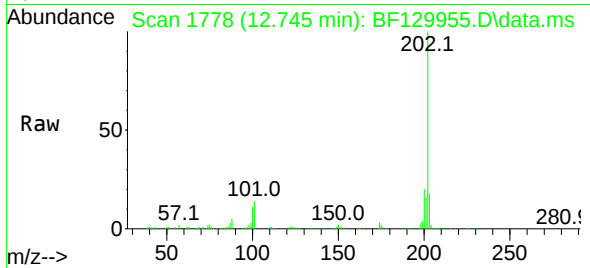




#78
 Pyrene
 Concen: 4.297 ng
 RT: 12.745 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF129955.D
 Acq: 23 Aug 2022 15:59

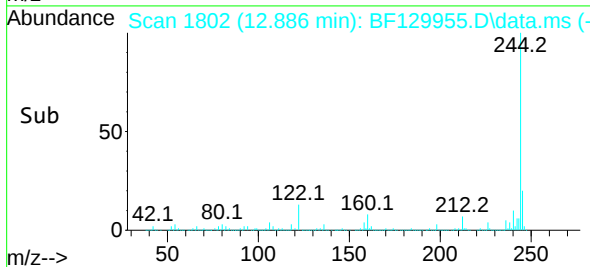
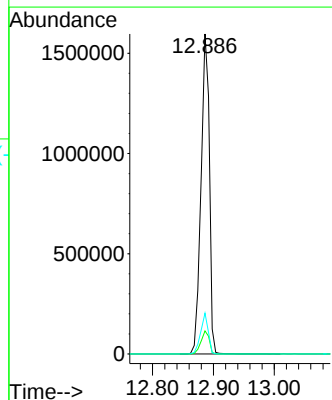
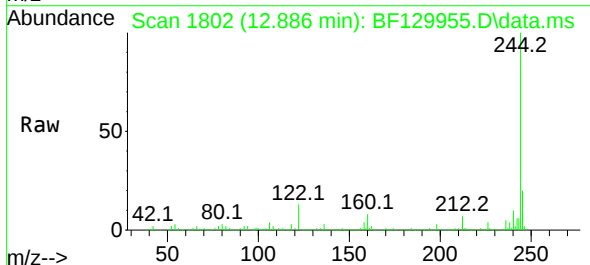
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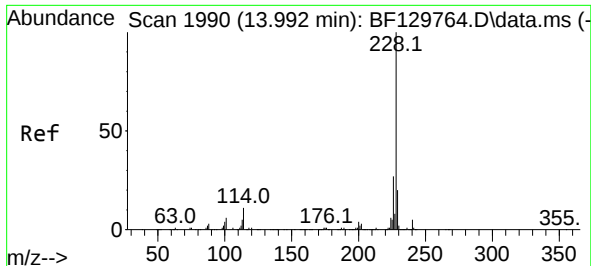
Tgt Ion:202 Resp: 125000
 Ion Ratio Lower Upper
 202 100
 200 20.1 17.0 25.6
 203 17.7 14.1 21.1



#79
 Terphenyl-d14
 Concen: 75.833 ng
 RT: 12.886 min Scan# 1802
 Delta R.T. -0.000 min
 Lab File: BF129955.D
 Acq: 23 Aug 2022 15:59

Tgt Ion:244 Resp: 1525671
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.8 9.9 14.9

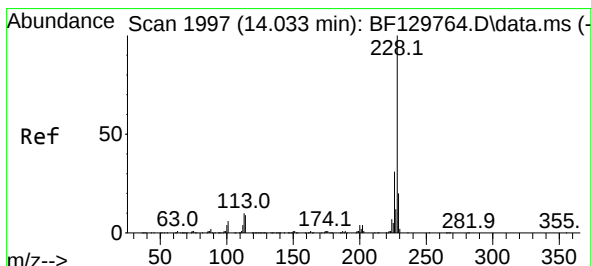
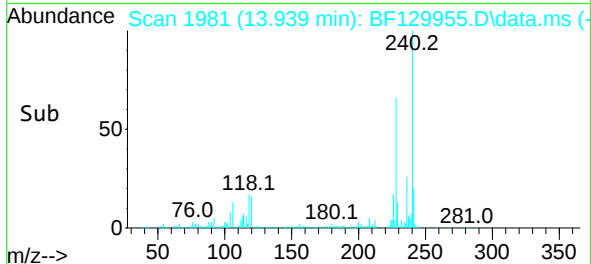
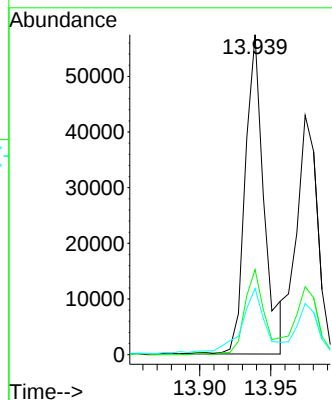
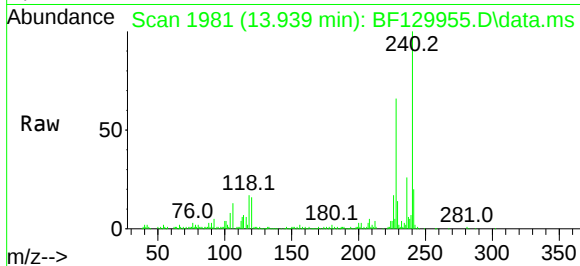




#81
Benzo(a)anthracene
Concen: 2.306 ng
RT: 13.939 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

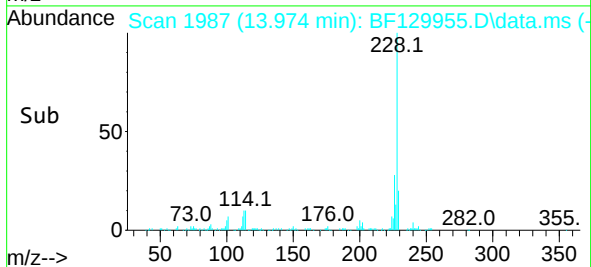
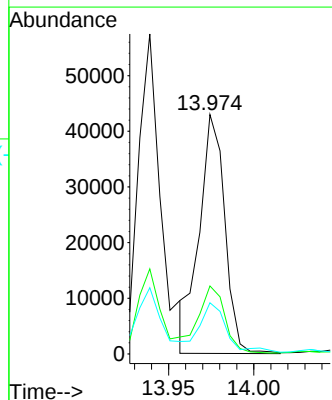
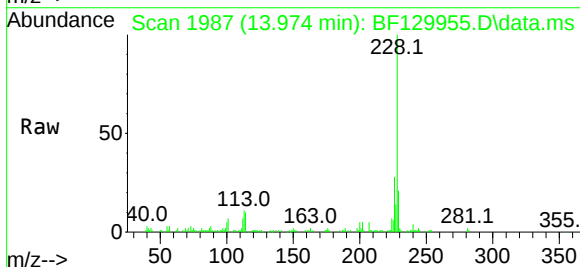
Instrument :
BNA_F
ClientSampleId :
UST-WEST

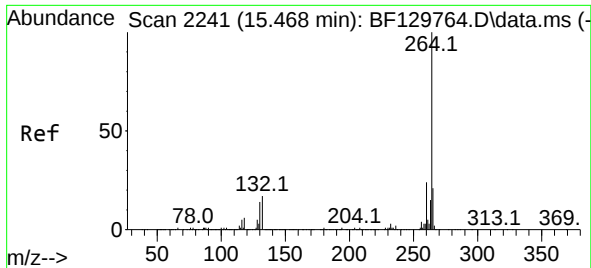
Tgt Ion:228 Resp: 53106
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 20.7 16.1 24.1



#83
Chrysene
Concen: 2.072 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BF129955.D
Acq: 23 Aug 2022 15:59

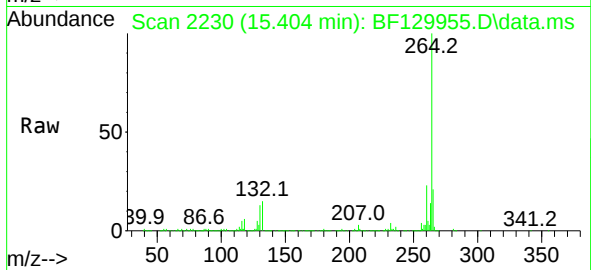
Tgt Ion:228 Resp: 44668
Ion Ratio Lower Upper
228 100
226 28.4 24.4 36.6
229 21.4 15.9 23.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF129955.D
 Acq: 23 Aug 2022 15:59

Instrument :
 BNA_F
 ClientSampleId :
 UST-WEST



Tgt Ion:264 Resp: 238900
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.0 16.7 25.1

