

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
 Data File : BF125580.D
 Acq On : 23 Sep 2021 2:35
 Operator : JU/CG
 Sample : M3822-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB

Manual Integrations
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Quant Time: Sep 23 04:51:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 21 19:21:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	197623	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	805666	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	425508	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	720080	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	421498	20.000	ng	0.00
86) Perylene-d12	15.533	264	388143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	913144	73.069	ng	0.00
7) Phenol-d6	6.510	99	1286363	79.835	ng	-0.01
23) Nitrobenzene-d5	7.451	82	802016	63.493	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	234687	56.311	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1697357	70.256	ng	-0.01
79) Terphenyl-d14	13.004	244	1599549	61.281	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	11.439	178	125315	3.098	ng	98
75) Fluoranthene	12.627	202	213088	5.370	ng	99
78) Pyrene	12.857	202	164858	4.174	ng	98
81) Benzo(a)anthracene	14.045	228	70196	2.447	ng	98
83) Chrysene	14.080	228	78895	2.722	ng	98
88) Benzo(b)fluoranthene	15.098	252	77353m	2.725	ng	

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

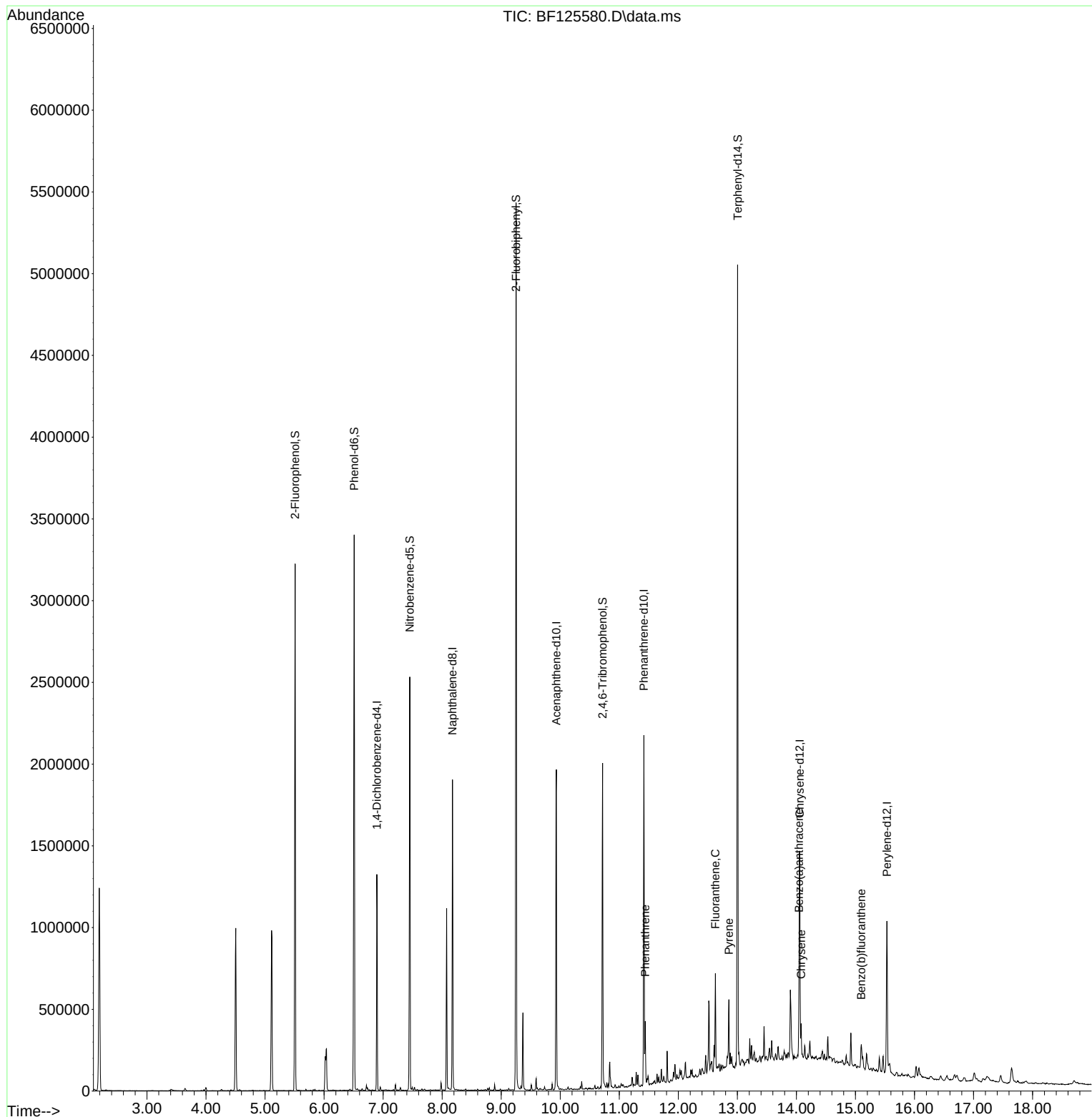
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092221\
Data File : BF125580.D
Acq On : 23 Sep 2021 2:35
Operator : JU/CG
Sample : M3822-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

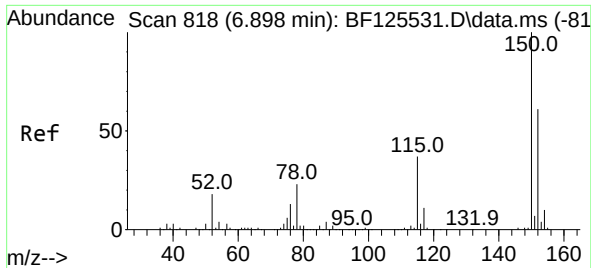
Instrument :
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ClientSampleId :
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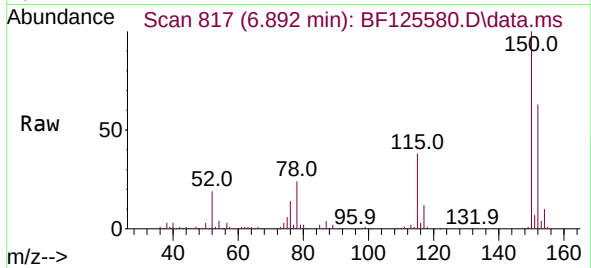
Quant Time: Sep 23 04:51:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 19:21:36 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

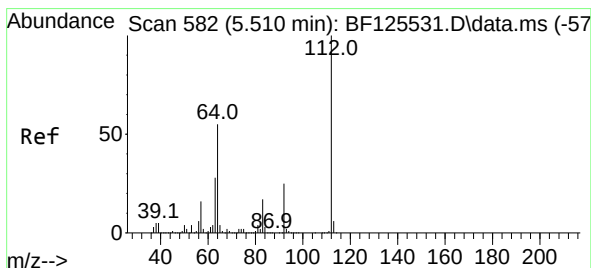
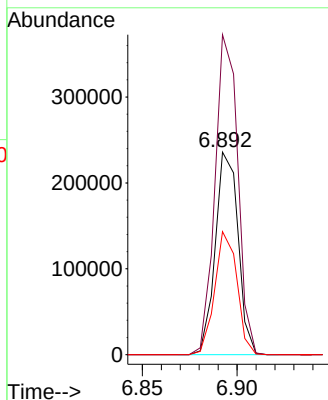
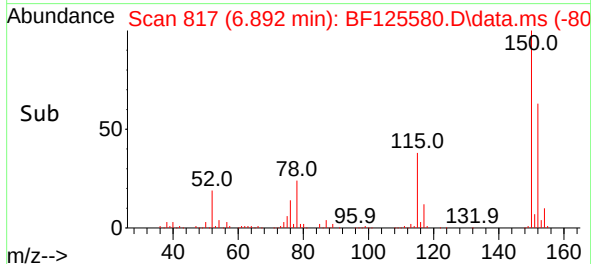
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB



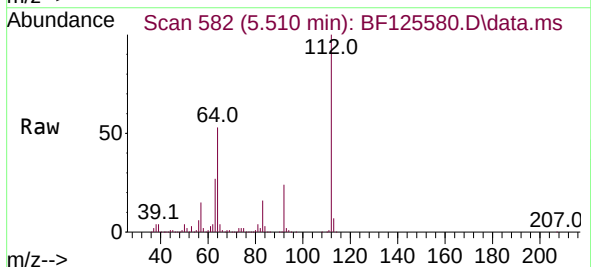
Tgt Ion:152 Resp: 197623
Ion Ratio Lower Upper
152 100
150 157.9 117.6 176.4
115 60.7 47.1 70.7

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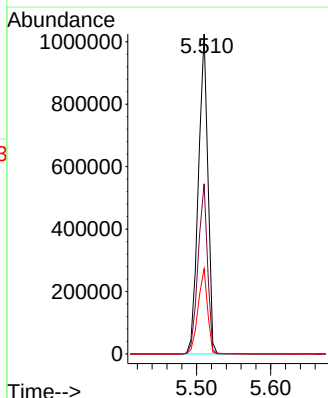
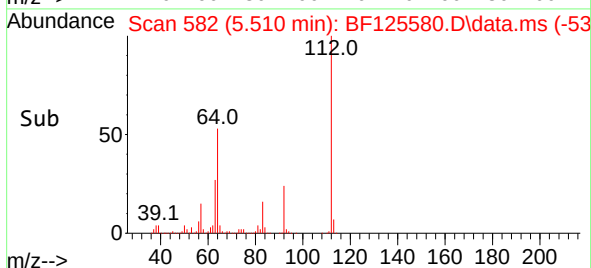
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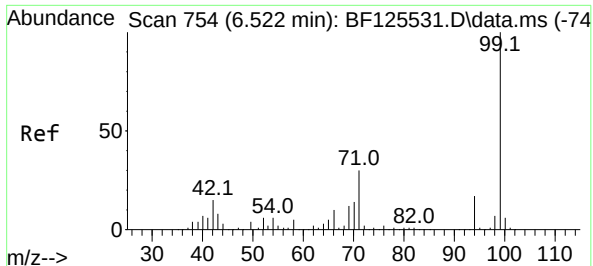


#5
2-Fluorophenol
Concen: 73.069 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35



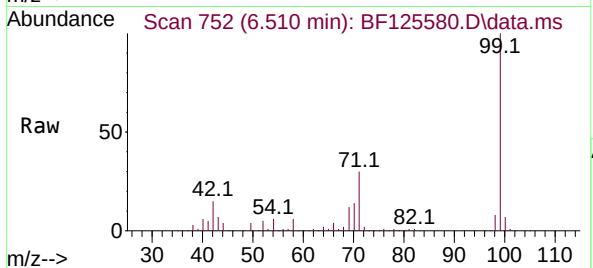
Tgt Ion:112 Resp: 913144
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 26.7 26.2 39.2





#7
Phenol-d6
Concen: 79.835 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

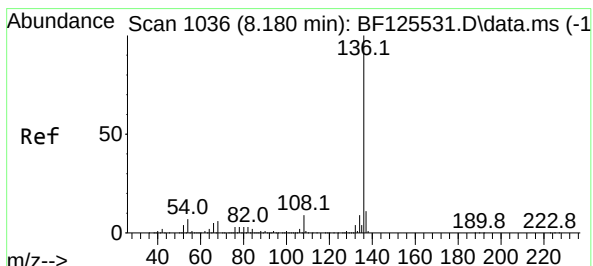
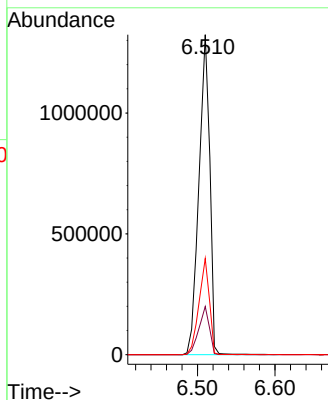
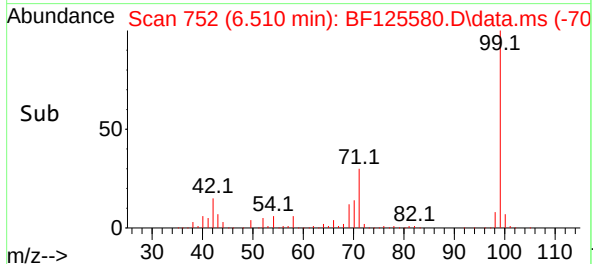
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB



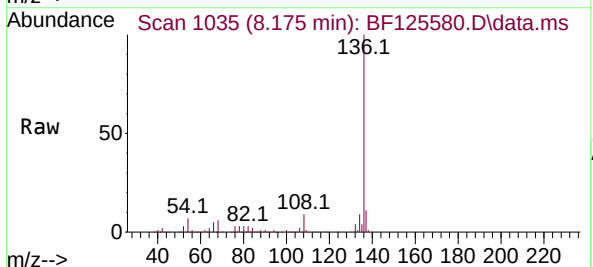
Tgt Ion: 99 Resp: 1286363
Ion Ratio Lower Upper
99 100
42 15.0 23.5 35.3#
71 30.0 25.6 38.4

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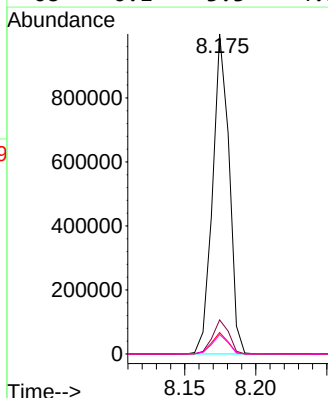
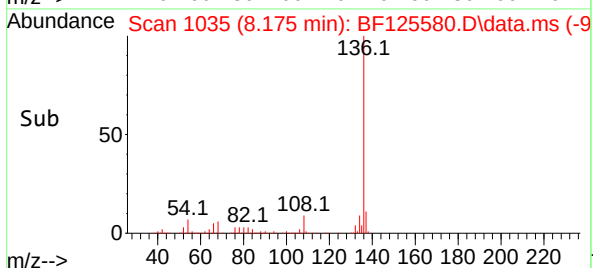
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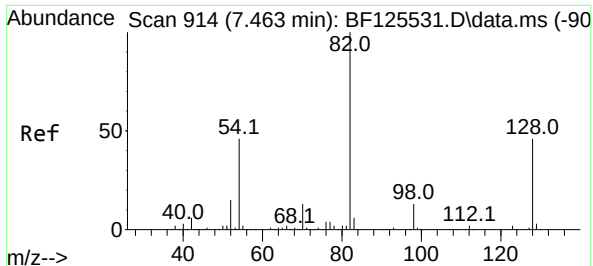


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35



Tgt Ion: 136 Resp: 805666
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 6.7 6.4 9.6
68 6.1 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 63.493 ng

RT: 7.451 min Scan# 912

Delta R.T. -0.012 min

Lab File: BF125580.D

Acq: 23 Sep 2021 2:35

Tgt Ion:	82	Resp:	802016
Ion	Ratio	Lower	Upper
82	100		
128	47.1	40.6	60.8
54	45.3	49.6	74.4#

Instrument :

BNA_F

ClientSampleId :

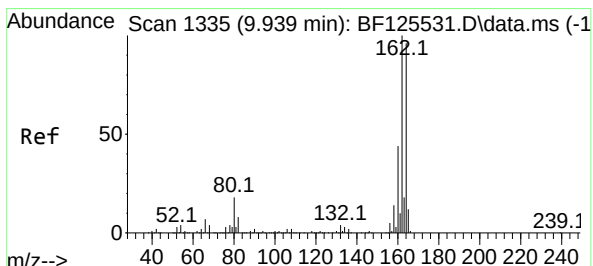
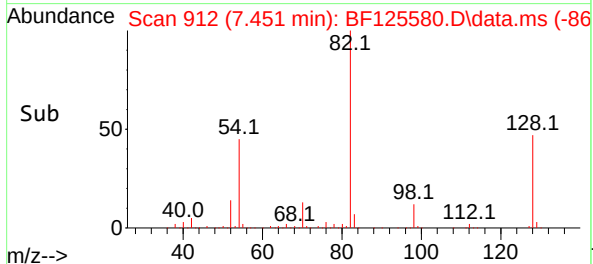
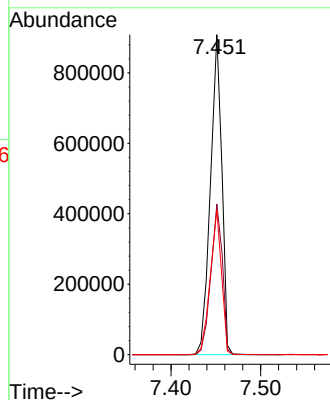
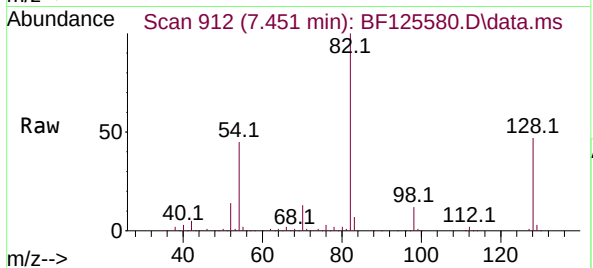
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#39

Acenaphthene-d10

Concen: 20.000 ng

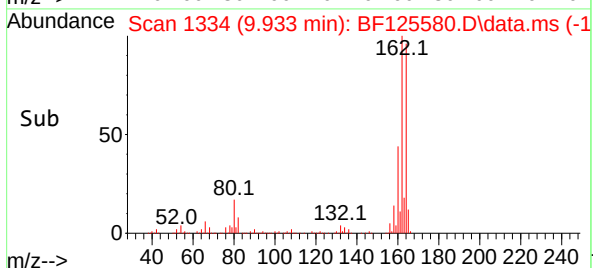
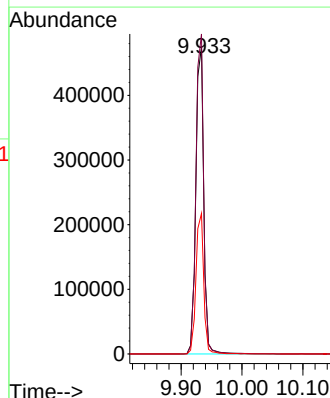
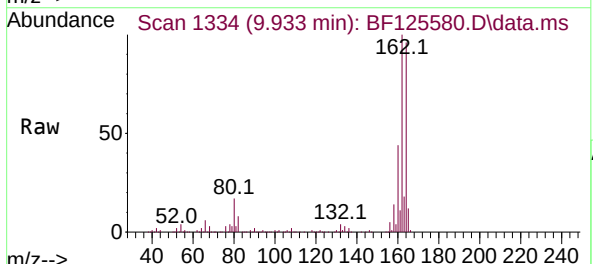
RT: 9.933 min Scan# 1334

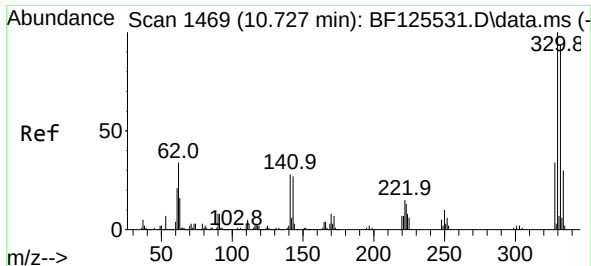
Delta R.T. -0.006 min

Lab File: BF125580.D

Acq: 23 Sep 2021 2:35

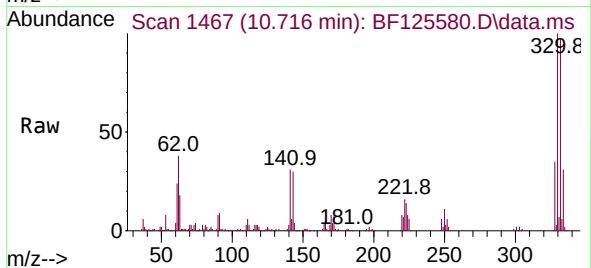
Tgt Ion:	164	Resp:	425508
Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.3	121.9
160	45.7	38.0	57.0





#42
2,4,6-Tribromophenol
Concen: 56.311 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.012 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

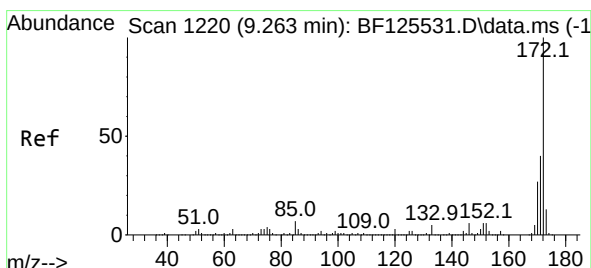
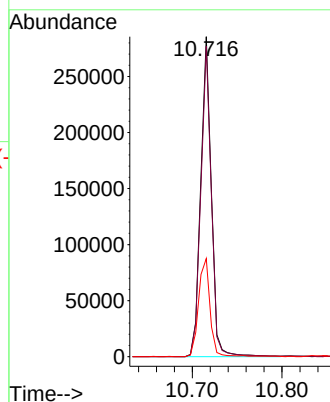
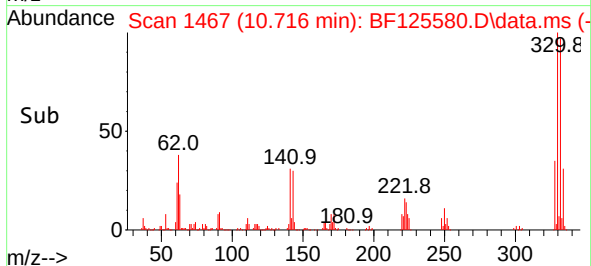
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB



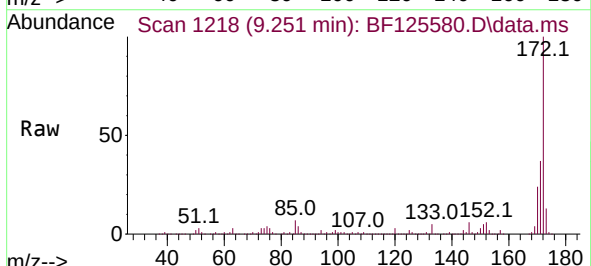
Tgt Ion:330 Resp: 234687
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 33.2 44.6 66.8#

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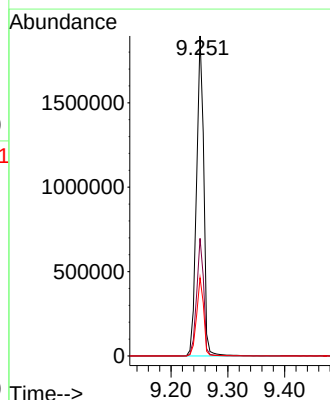
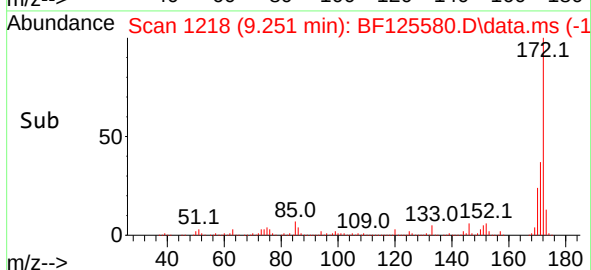
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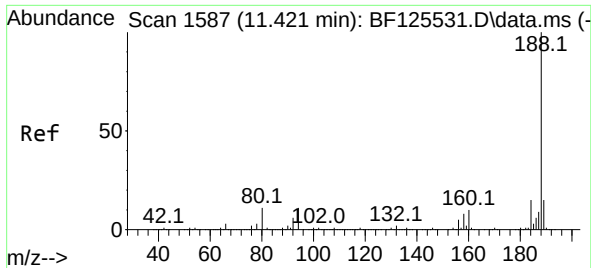


#45
2-Fluorobiphenyl
Concen: 70.256 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35



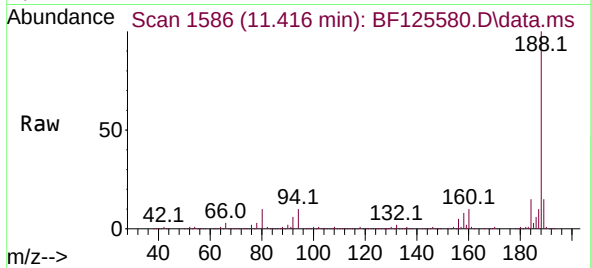
Tgt Ion:172 Resp: 1697357
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 24.5 18.8 28.2





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

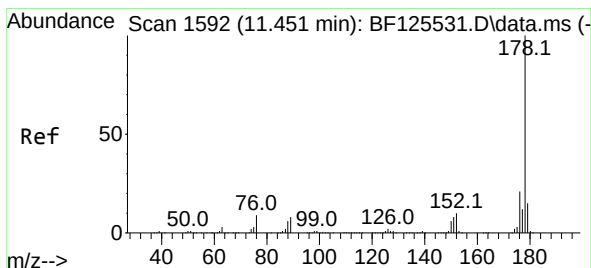
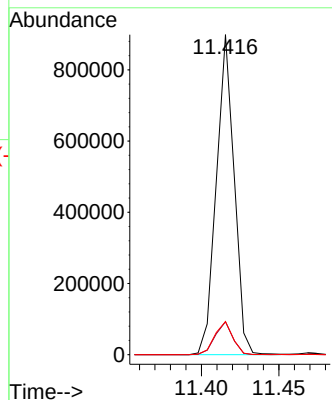
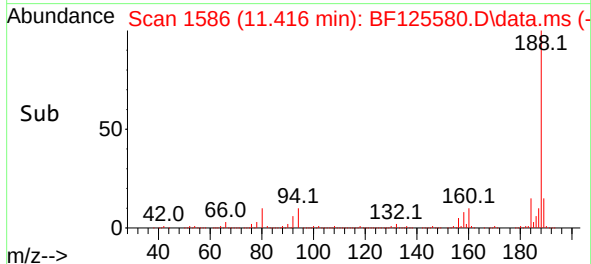
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB



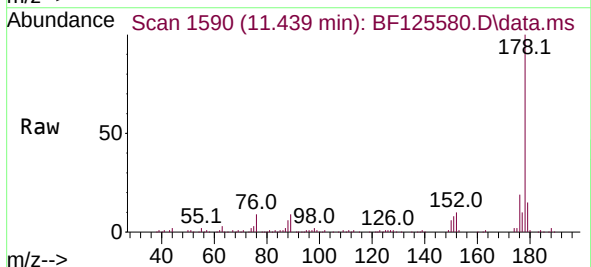
Tgt Ion:188 Resp: 720080
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.4 7.5 11.3

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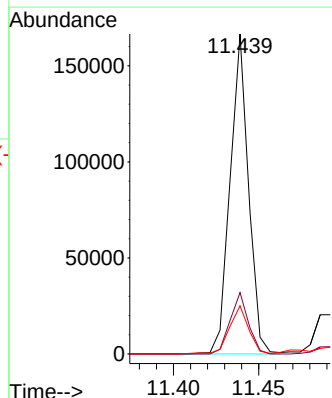
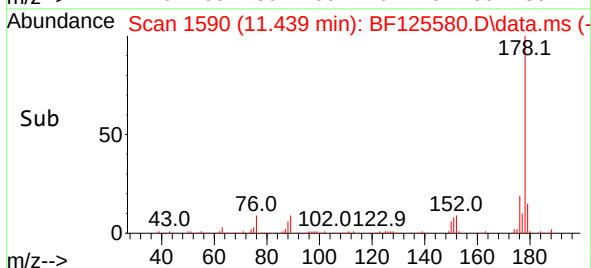
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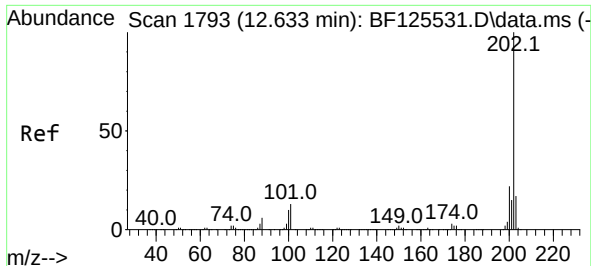


#71
Phenanthrene
Concen: 3.098 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.012 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35



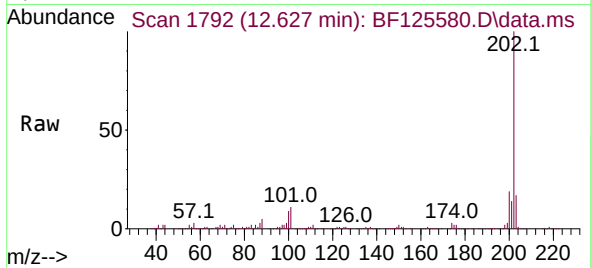
Tgt Ion:178 Resp: 125315
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.0 11.5 17.3





#75
Fluoranthene
Concen: 5.370 ng
RT: 12.627 min Scan# 1792
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

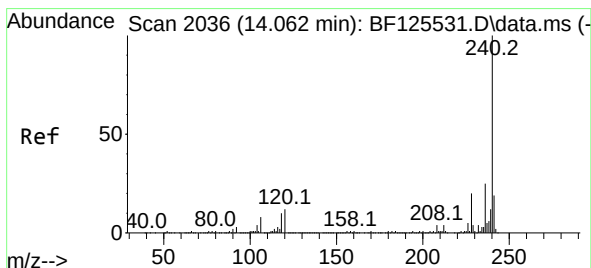
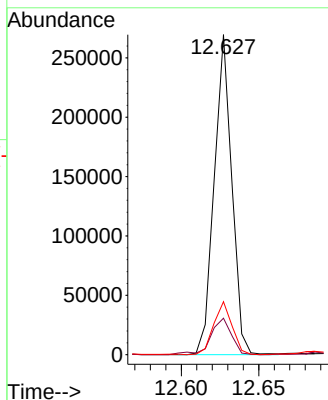
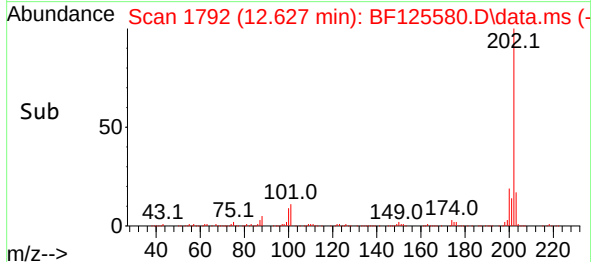
Instrument :
BNA_F
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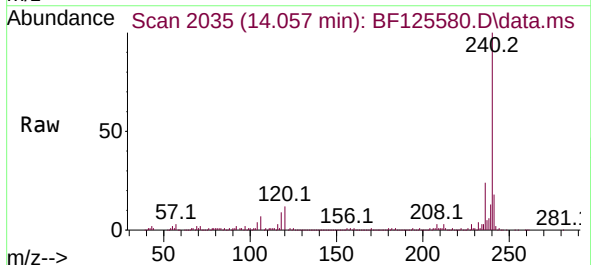
Tgt Ion:202 Resp: 213088
Ion Ratio Lower Upper
202 100
101 11.4 0.0 30.7
203 16.6 0.0 36.3

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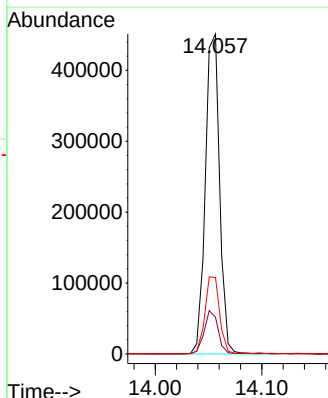
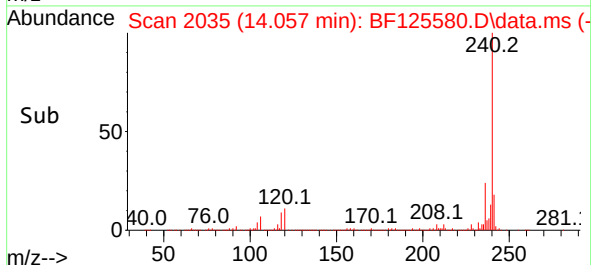
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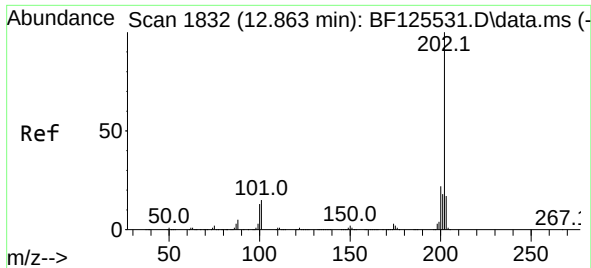


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35



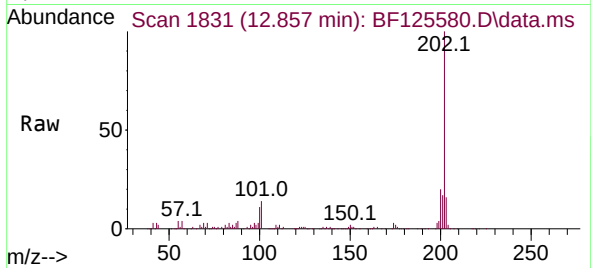
Tgt Ion:240 Resp: 421498
Ion Ratio Lower Upper
240 100
120 11.5 10.8 16.2
236 23.9 21.6 32.4





#78
Pyrene
Concen: 4.174 ng
RT: 12.857 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

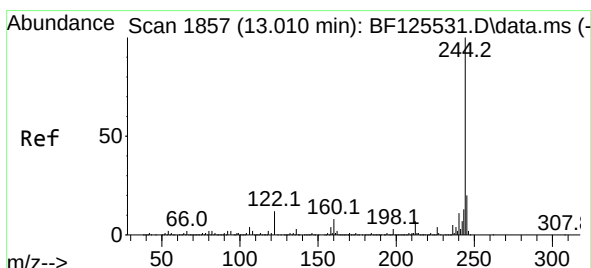
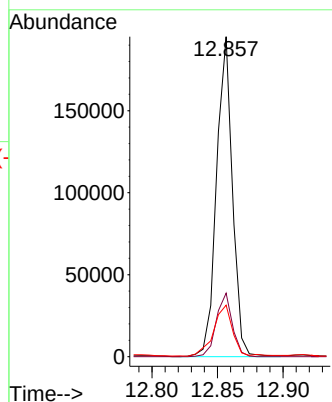
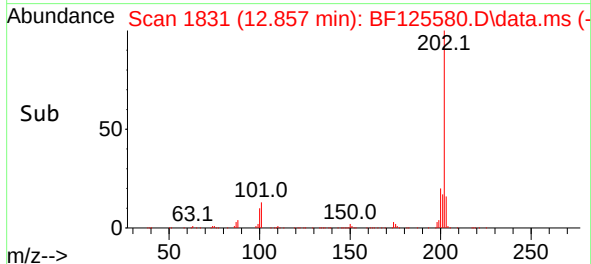
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB



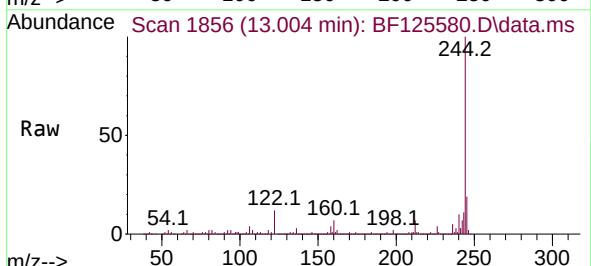
Tgt Ion:202 Resp: 164858
Ion Ratio Lower Upper
202 100
200 19.9 15.3 22.9
203 16.1 13.4 20.0

Manual Integrations
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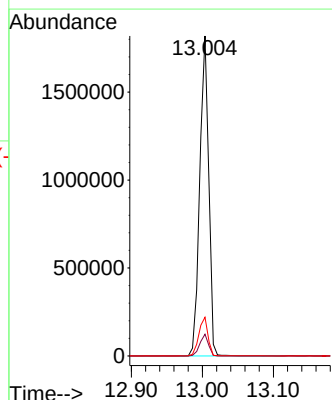
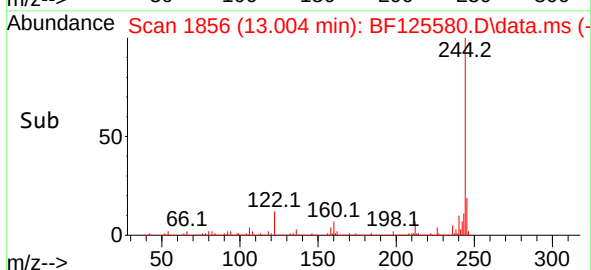
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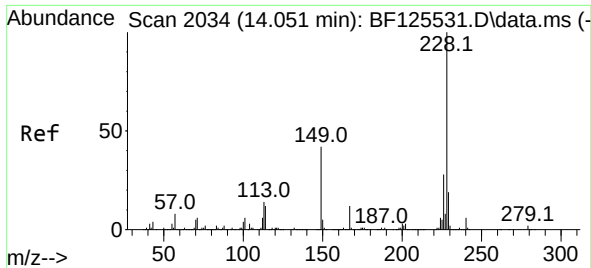


#79
Terphenyl-d14
Concen: 61.281 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35



Tgt Ion:244 Resp: 1599549
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 12.1 9.0 13.4





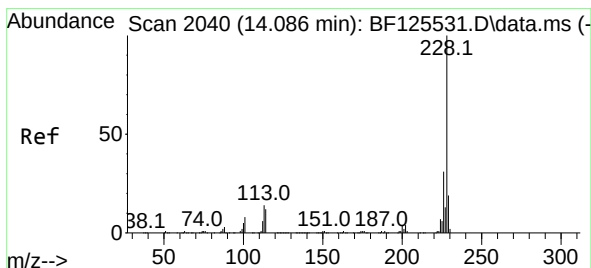
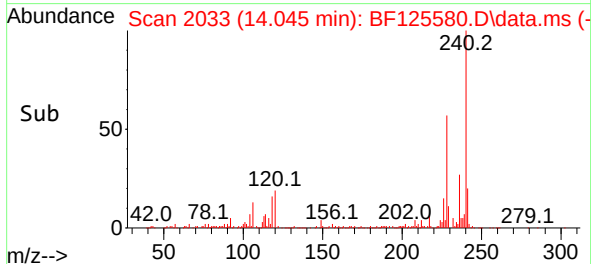
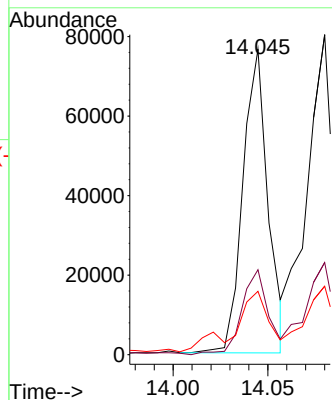
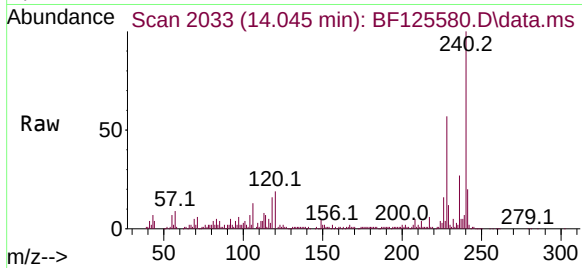
#81
Benzo(a)anthracene
Concen: 2.447 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

Tgt Ion:228 Resp: 70196
Ion Ratio Lower Upper
228 100
226 27.8 21.6 32.4
229 20.8 15.6 23.4

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB

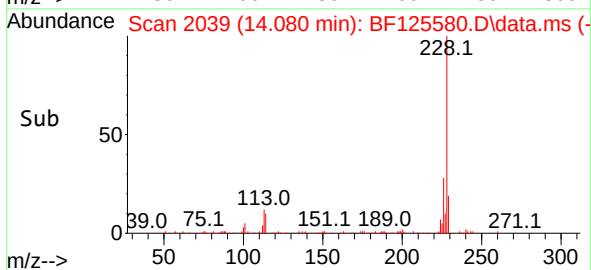
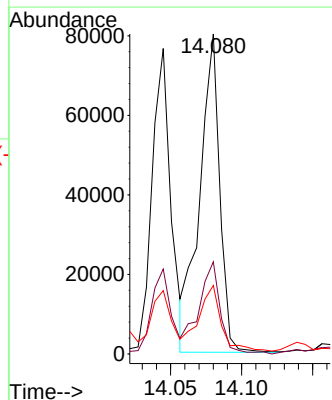
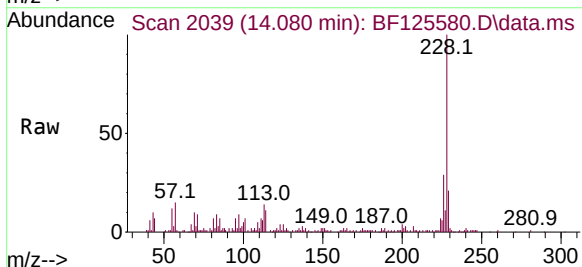
Manual Integrations
APPROVED

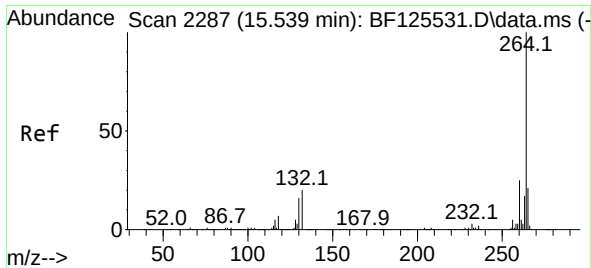
mohammad
9/23/2021 1:20:54 PM



#83
Chrysene
Concen: 2.722 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

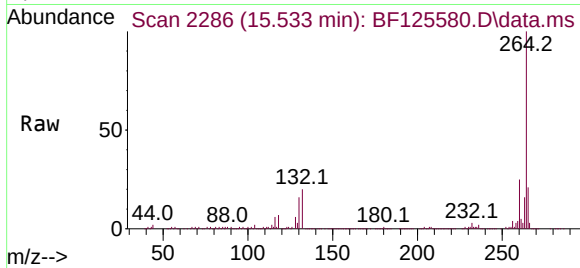
Tgt Ion:228 Resp: 78895
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 21.4 15.9 23.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35

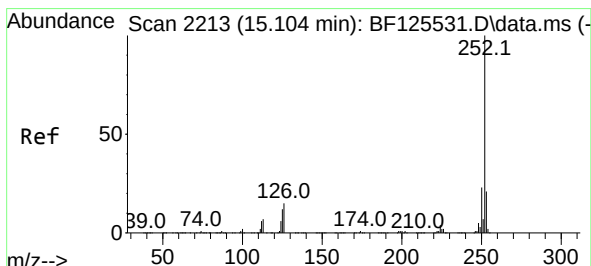
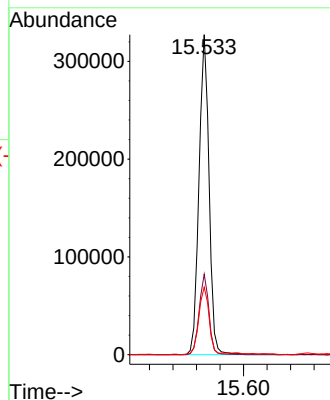
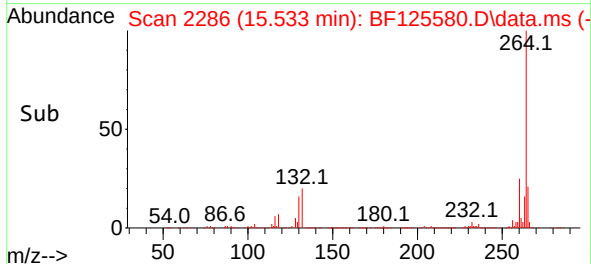
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB



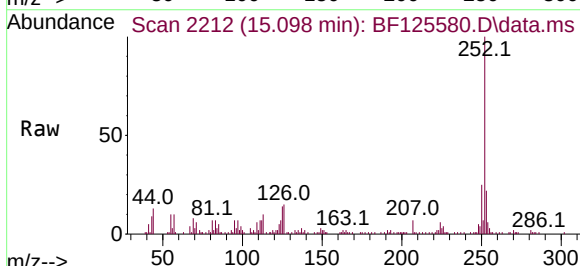
Tgt Ion:264 Resp: 388143
Ion Ratio Lower Upper
264 100
260 25.2 19.6 29.4
265 21.1 17.2 25.8

Manual Integrations
APPROVED

mohammad
9/23/2021 1:20:54 PM



#88
Benzo(b)fluoranthene
Concen: 2.725 ng m
RT: 15.098 min Scan# 2212
Delta R.T. -0.006 min
Lab File: BF125580.D
Acq: 23 Sep 2021 2:35



Tgt Ion:252 Resp: 77353
Ion Ratio Lower Upper
252 100
253 21.6 16.8 25.2
125 14.3 9.8 14.8

