

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131538.D
 Acq On : 06 Dec 2022 21:04
 Operator : CG\JU
 Sample : N5863-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-PILE-1

Quant Time: Dec 07 03:25:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

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

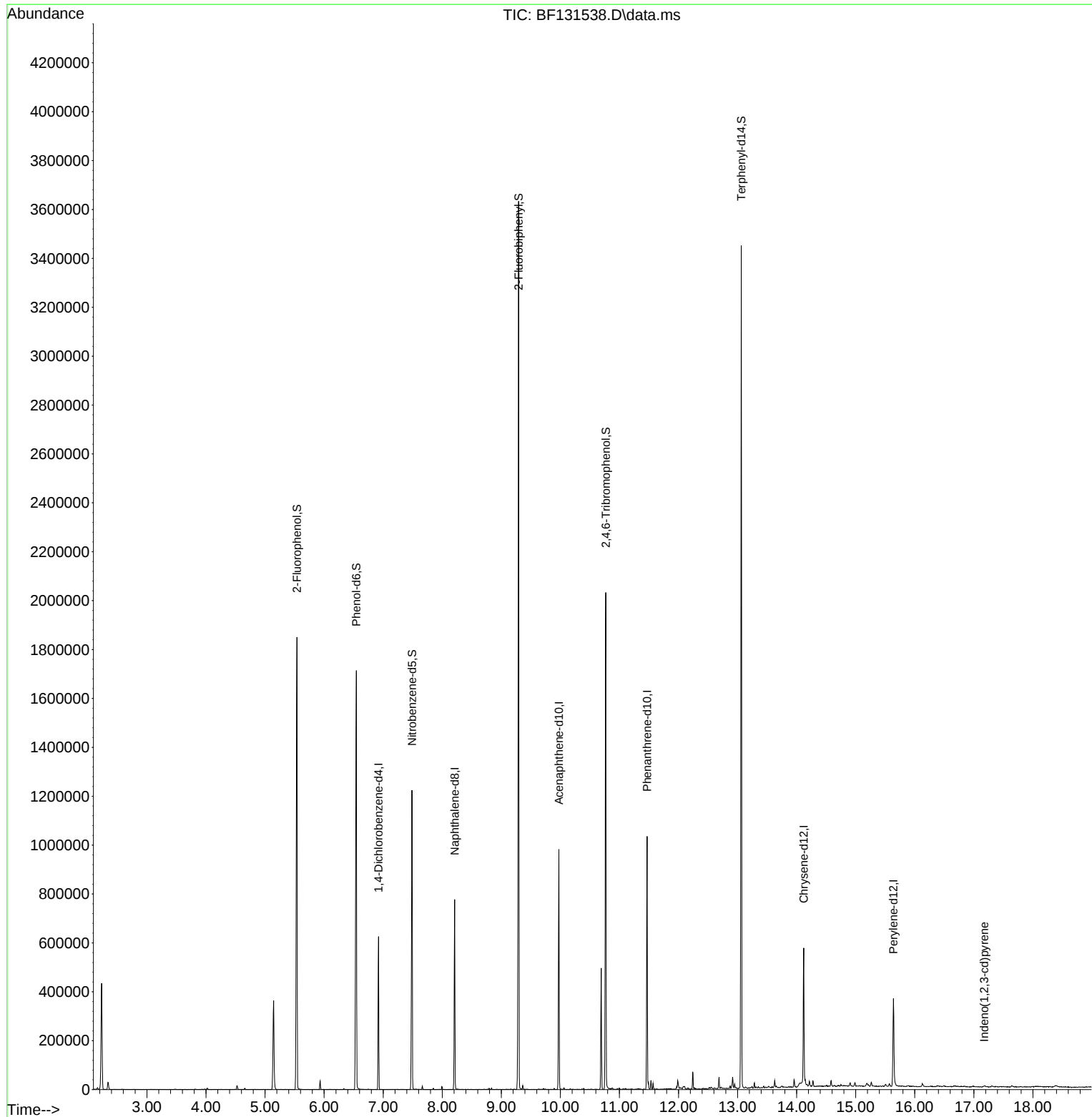
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	91130	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	330476	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	187076	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	363983	20.000	ng	# 0.00
76) Chrysene-d12	14.121	240	188906	20.000	ng	0.00
86) Perylene-d12	15.639	264	187439	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	547232	102.546	ng	0.01
7) Phenol-d6	6.545	99	649499	97.465	ng	0.00
23) Nitrobenzene-d5	7.486	82	410958	57.073	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	268195	125.907	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1016924	71.311	ng	0.00
79) Terphenyl-d14	13.063	244	1208856	96.639	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.174	276	4572	3.316	ng	Qvalue # 93

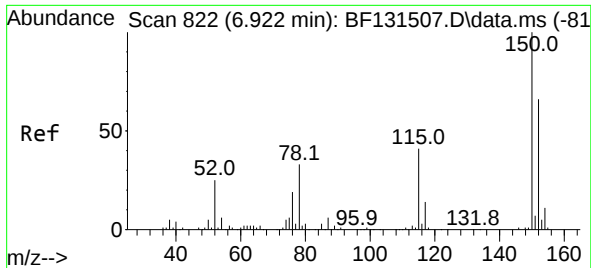
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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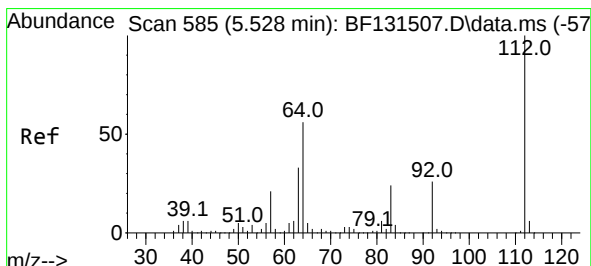
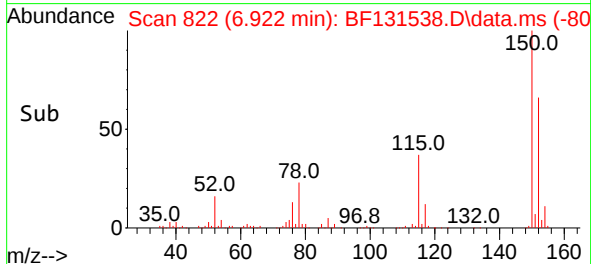
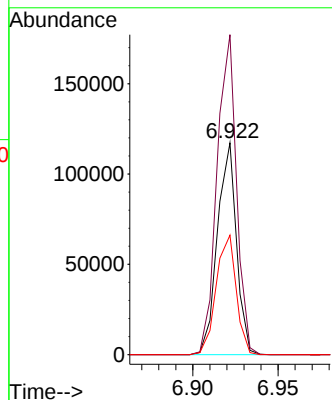
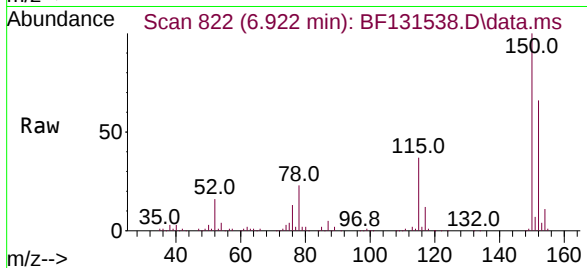




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

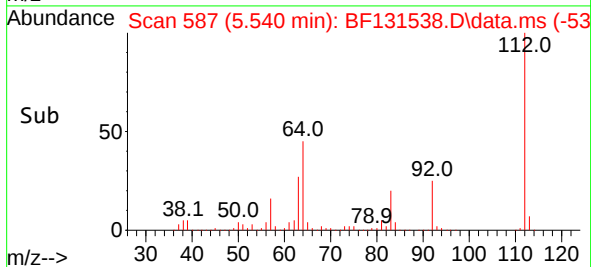
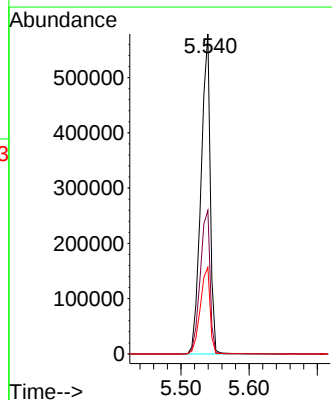
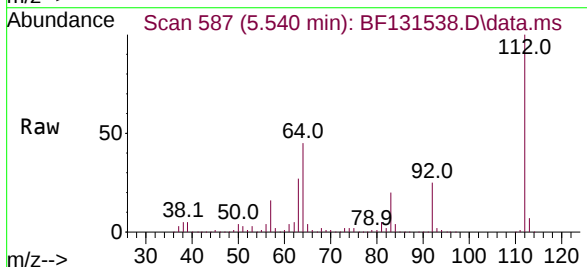
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

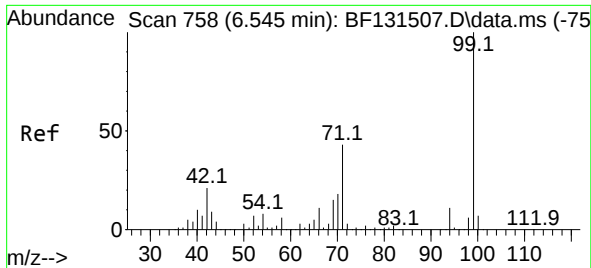
Tgt Ion:152 Resp: 91130
Ion Ratio Lower Upper
152 100
150 151.1 121.9 182.9
115 56.4 50.4 75.6



#5
2-Fluorophenol
Concen: 102.546 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion:112 Resp: 547232
Ion Ratio Lower Upper
112 100
64 44.8 44.5 66.7
63 27.0 26.7 40.1

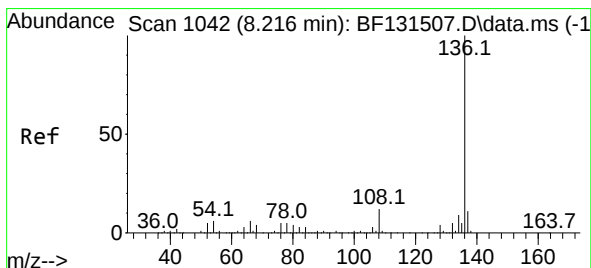
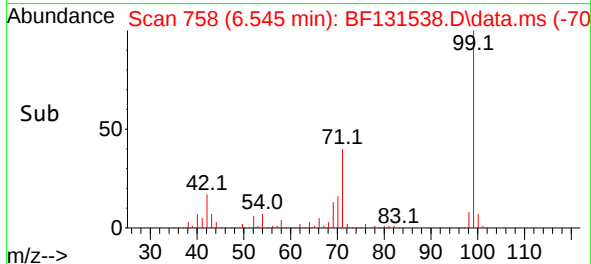
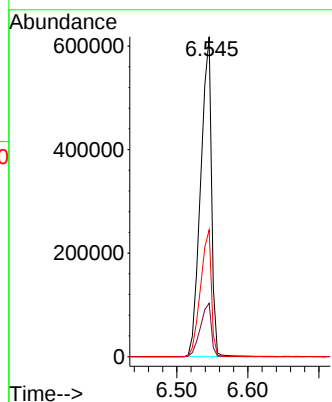
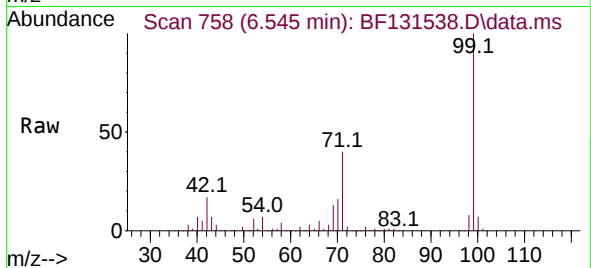




#7
Phenol-d6
Concen: 97.465 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

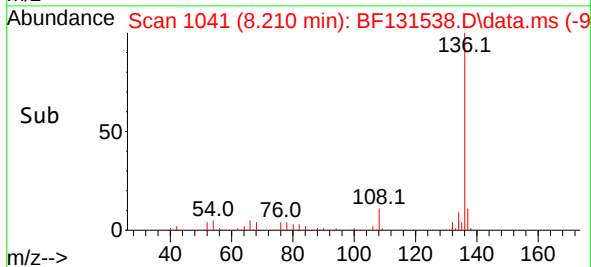
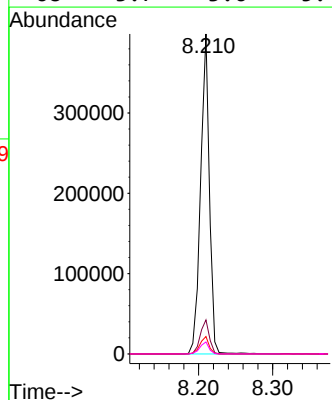
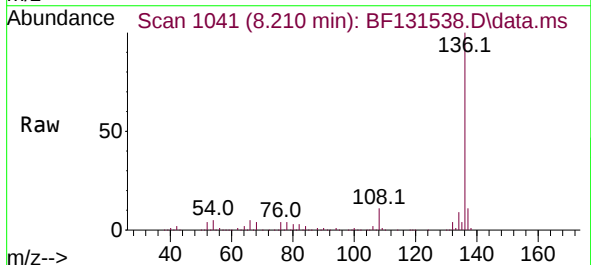
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

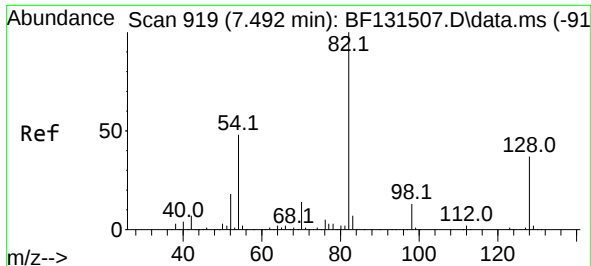
Tgt Ion: 99 Resp: 649499
Ion Ratio Lower Upper
99 100
42 16.7 16.6 25.0
71 39.6 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion: 136 Resp: 330476
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 5.4 5.0 7.6
68 3.7 3.6 5.4

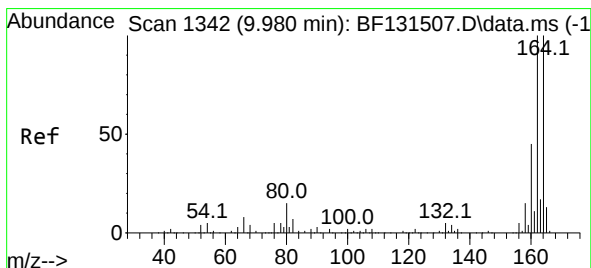
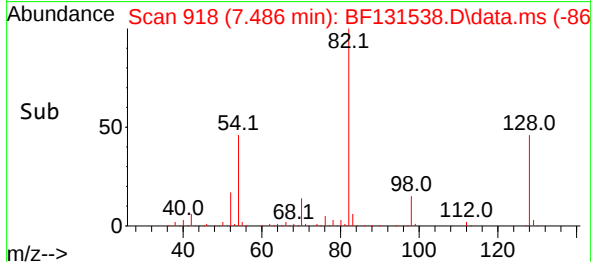
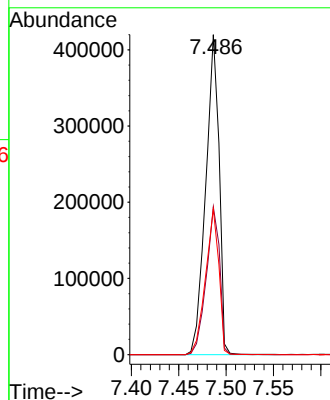
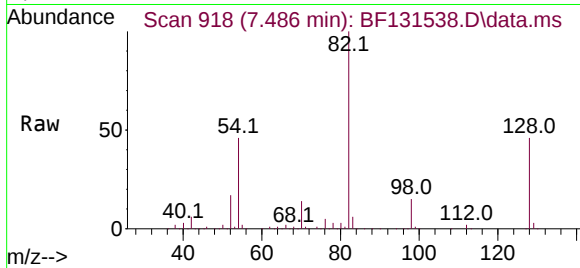




#23
Nitrobenzene-d5
Concen: 57.073 ng
RT: 7.486 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

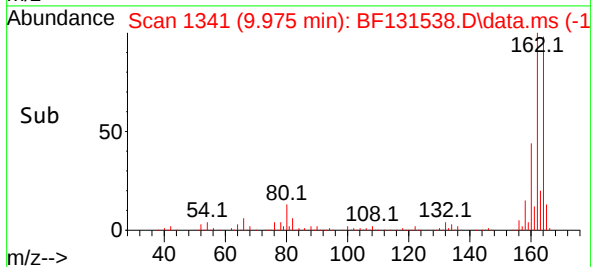
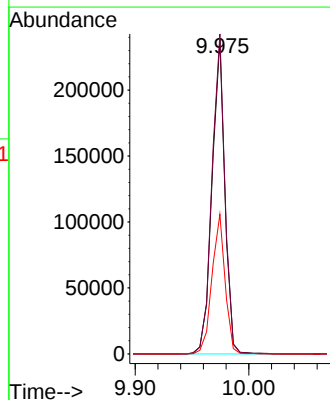
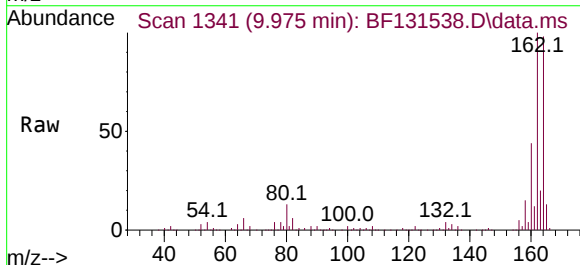
Instrument :
BNA_F
ClientSampleId :
SAND-PILE-1

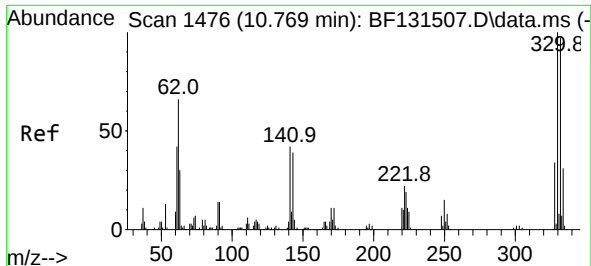
Tgt Ion: 82 Resp: 410958
Ion Ratio Lower Upper
82 100
128 46.2 29.7 44.5#
54 45.6 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1341
Delta R.T. -0.005 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion:164 Resp: 187076
Ion Ratio Lower Upper
164 100
162 101.9 80.1 120.1
160 44.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 125.907 ng

RT: 10.769 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BF131538.D

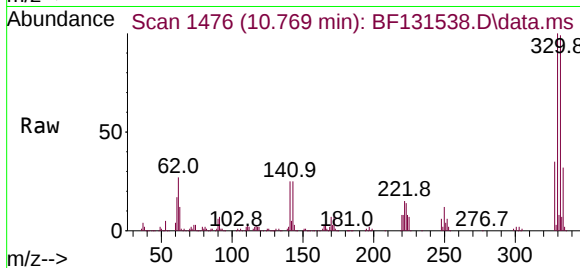
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Instrument :

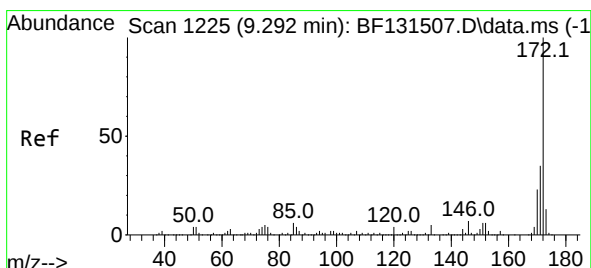
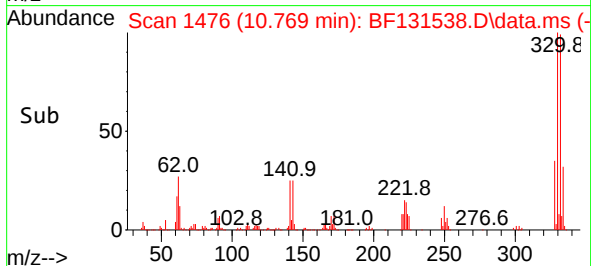
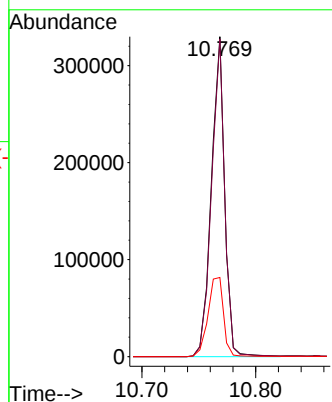
BNA_F

ClientSampleId :

SAND-PILE-1



Tgt Ion:	330	Resp:	268195
Ion Ratio	Lower	Upper	
330	100		
332	98.5	78.2	117.2
141	29.0	29.1	43.7#



#45

2-Fluorobiphenyl

Concen: 71.311 ng

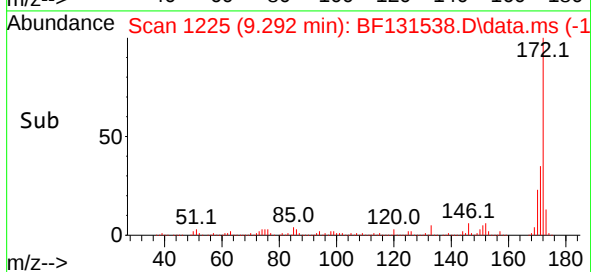
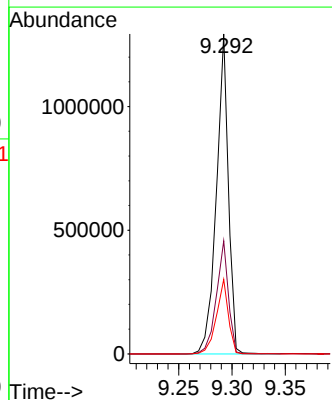
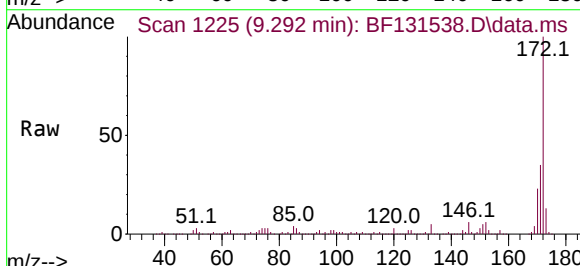
RT: 9.292 min Scan# 1225

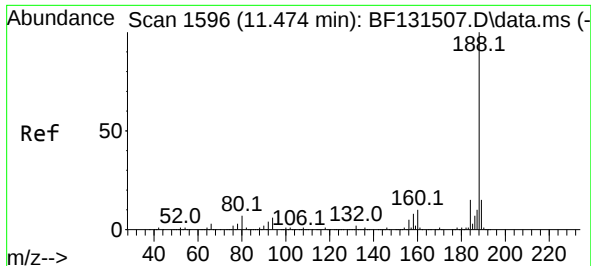
Delta R.T. 0.000 min

Lab File: BF131538.D

Acq: 06 Dec 2022 21:04

Tgt Ion:	172	Resp:	1016924
Ion Ratio	Lower	Upper	
172	100		
171	35.3	27.8	41.8
170	23.3	18.7	28.1

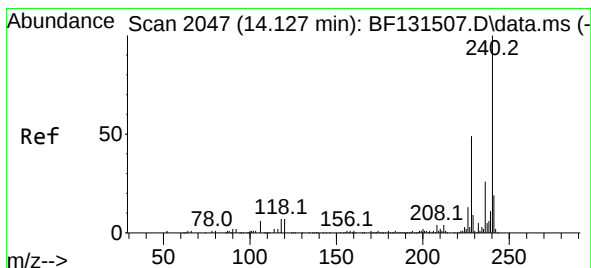
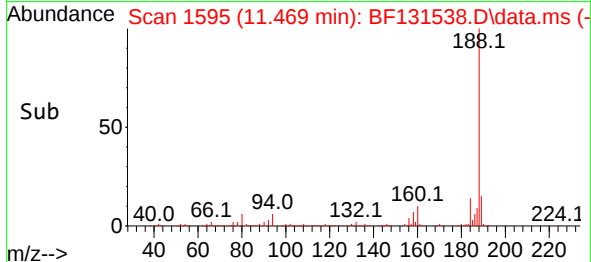
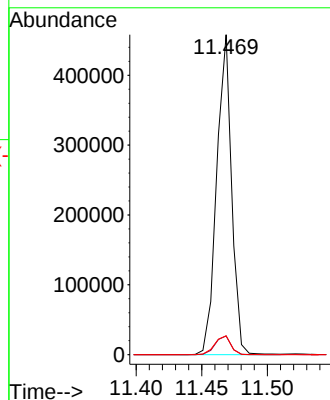
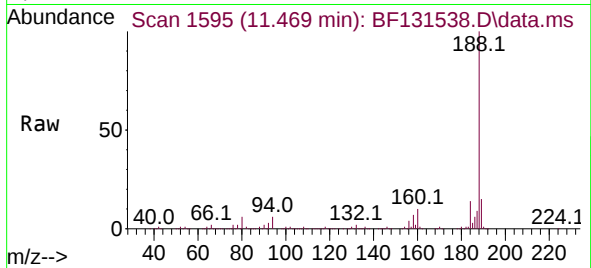




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

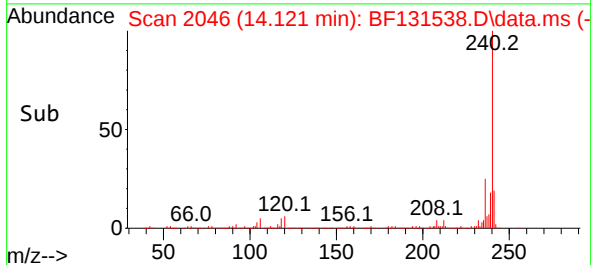
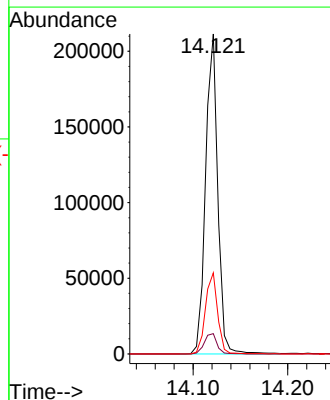
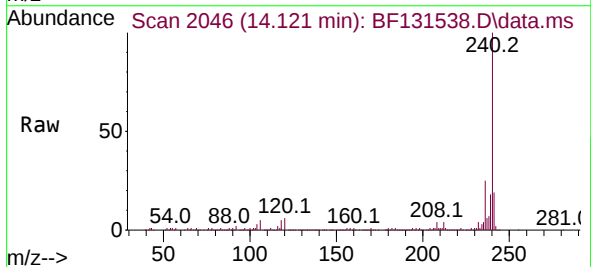
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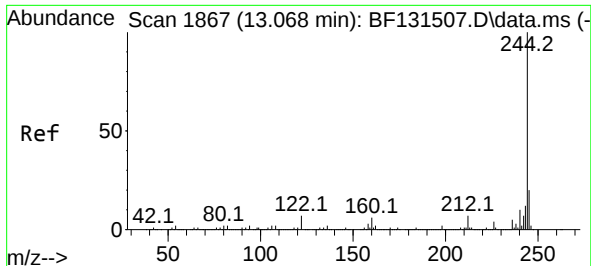
Tgt Ion:188 Resp: 363983
Ion Ratio Lower Upper
188 100
94 5.8 5.1 7.7
80 5.9 5.9 8.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131538.D
Acq: 06 Dec 2022 21:04

Tgt Ion:240 Resp: 188906
Ion Ratio Lower Upper
240 100
120 6.3 5.6 8.4
236 25.3 20.6 31.0

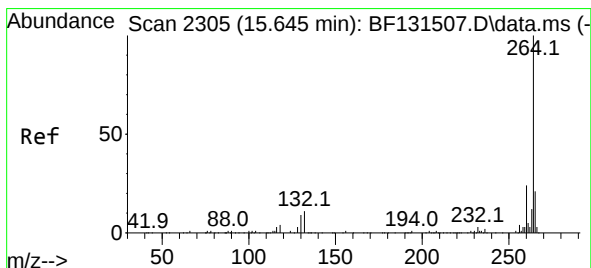
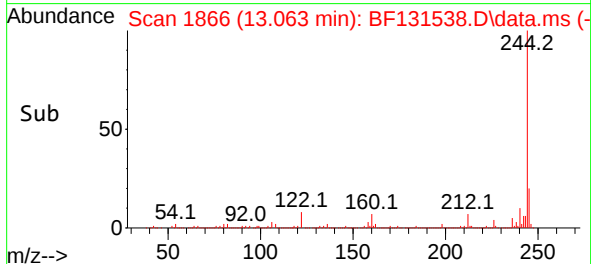
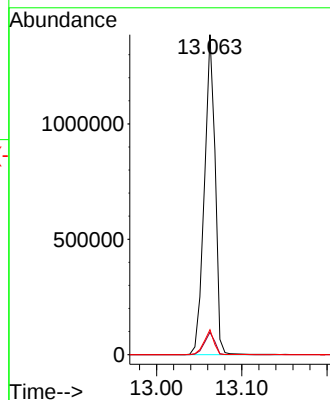
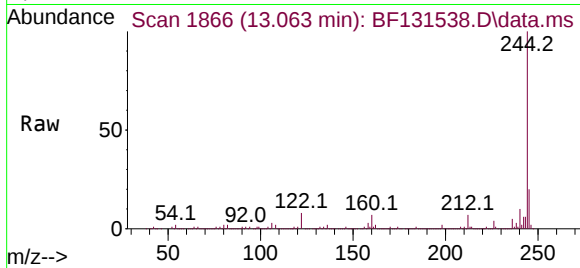




#79
 Terphenyl-d14
 Concen: 96.639 ng
 RT: 13.063 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: BF131538.D
 Acq: 06 Dec 2022 21:04

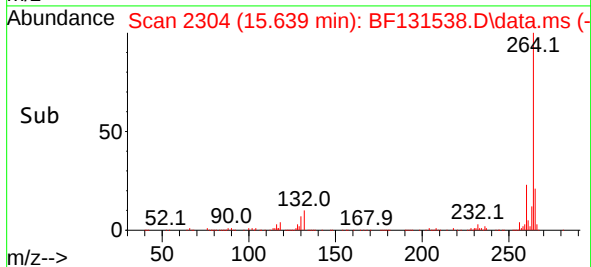
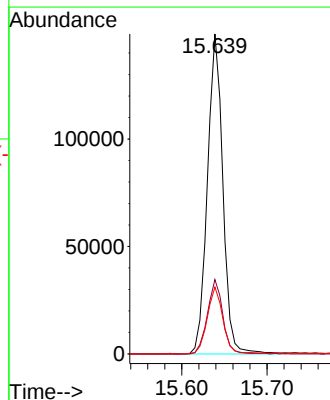
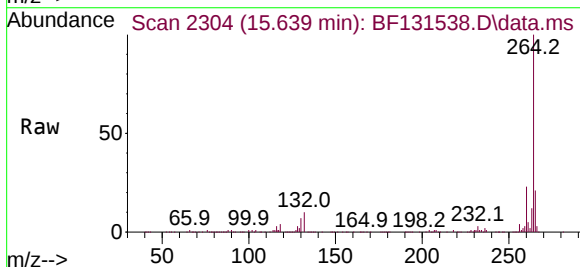
Instrument :
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 SAND-PILE-1

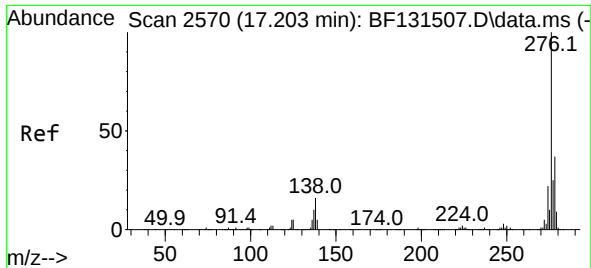
Tgt Ion:244 Resp: 1208856
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 7.8 5.4 8.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF131538.D
 Acq: 06 Dec 2022 21:04

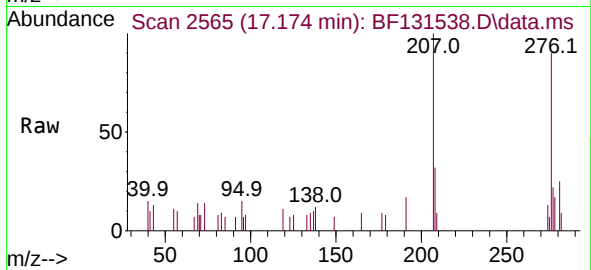
Tgt Ion:264 Resp: 187439
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 20.9 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.316 ng
 RT: 17.174 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF131538.D
 Acq: 06 Dec 2022 21:04

Instrument :
 BNA_F
 ClientSampleId :
 SAND-PILE-1



Tgt Ion:	276	Resp:	4572
Ion	Ratio	Lower	Upper
276	100		
138	13.0	13.2	19.8#
277	21.2	19.6	29.4

