Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090525\
Data File : BF143651.D
Acq On : 05 Sep 2025 10:23
Operator : RC/JU
Sample : PB169528BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169528BL

Quant Time: Sep 05 12:06:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	66915	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	258159	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	150277	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	248846	20.000	ng	0.00
76) Chrysene-d12	14.045	240	165512	20.000	ng	0.00
86) Perylene-d12	15.515	264	140233	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	543251	143.825	ng	0.01
7) Phenol-d6	6.504	99	657995	140.356	ng	0.00
23) Nitrobenzene-d5	7.445	82	415692	113.172	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	212059	168.749	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	917698	97.564	ng	0.00
79) Terphenyl-d14	12.998	244	996455	100.314	ng	0.00
Target Compounds						Qvalue

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

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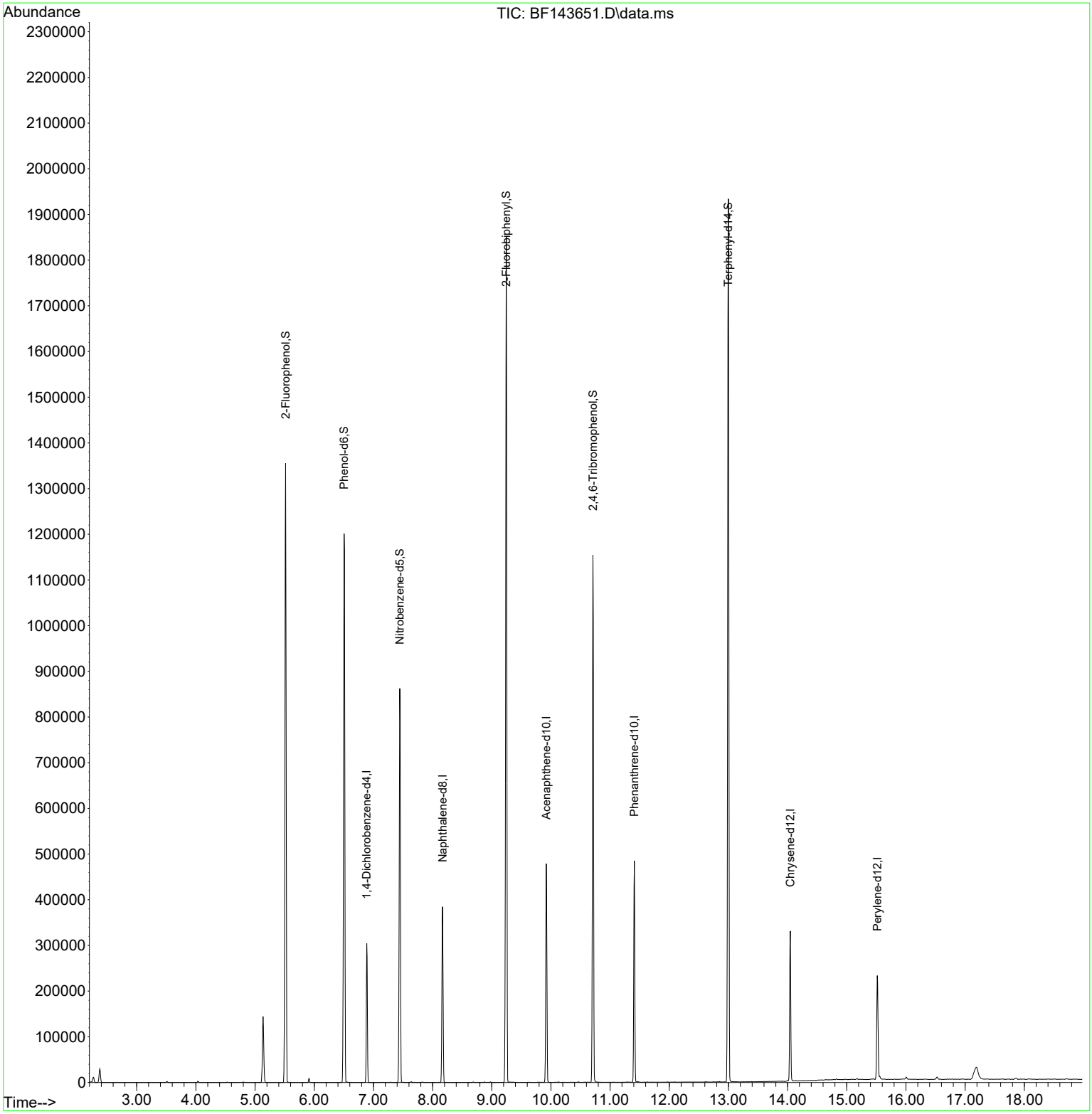
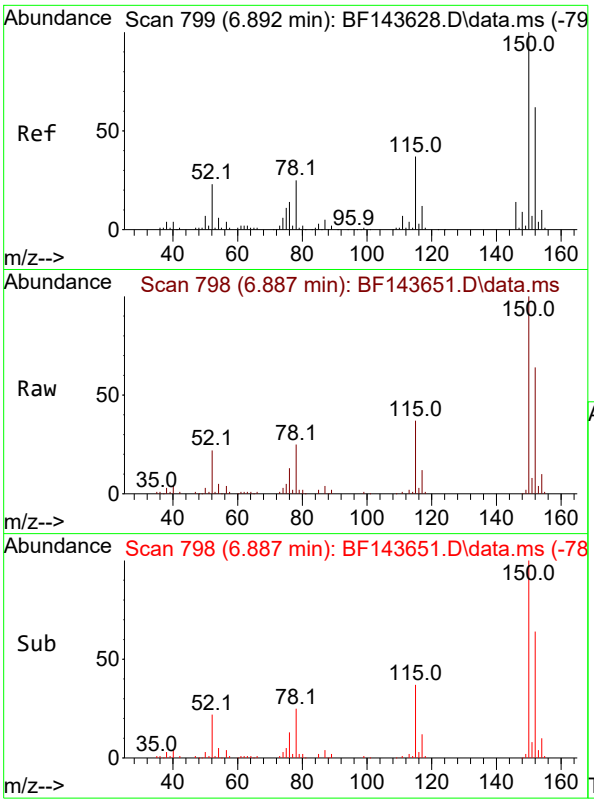


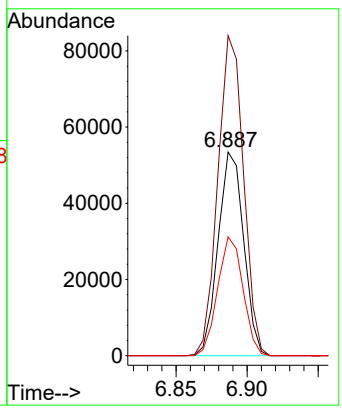


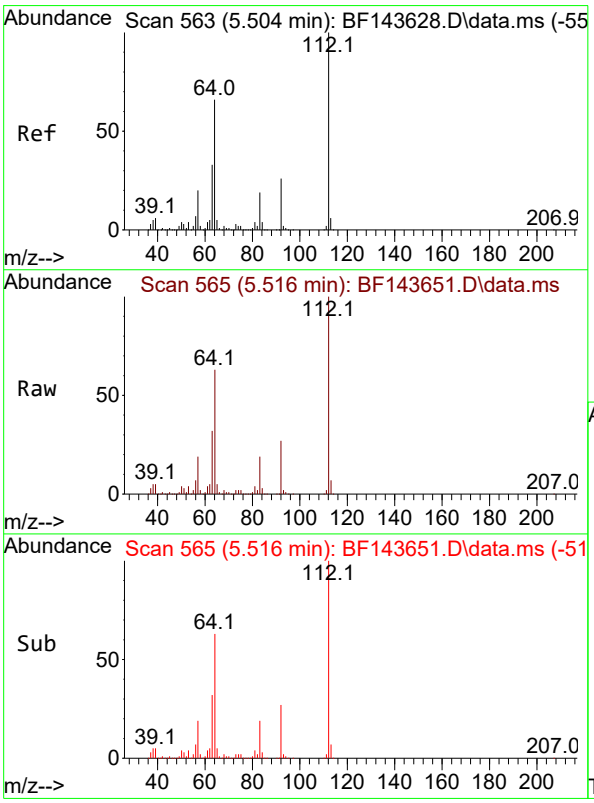
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 7
Delta R.T. -0.005 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Instrument :
BNA_F
ClientSampleId :
PB169528BL

Tgt Ion:152 Resp: 66915

Ion	Ratio	Lower	Upper
152	100		
150	157.1	128.4	192.6
115	58.3	47.9	71.9

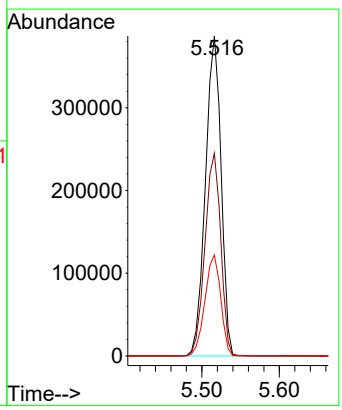


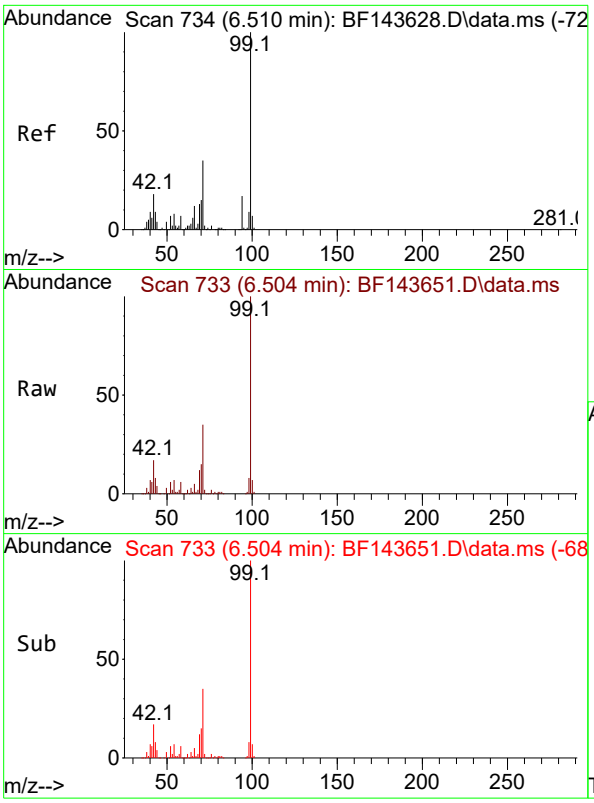


#5
2-Fluorophenol
Concen: 143.825 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Tgt Ion:112 Resp: 543251

Ion	Ratio	Lower	Upper
112	100		
64	63.3	52.7	79.1
63	31.6	26.5	39.7



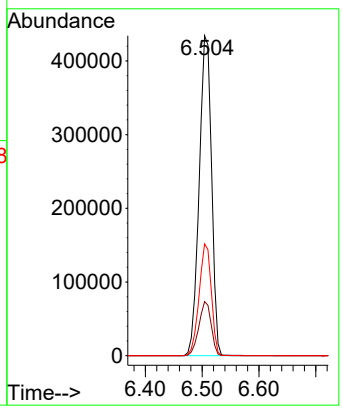


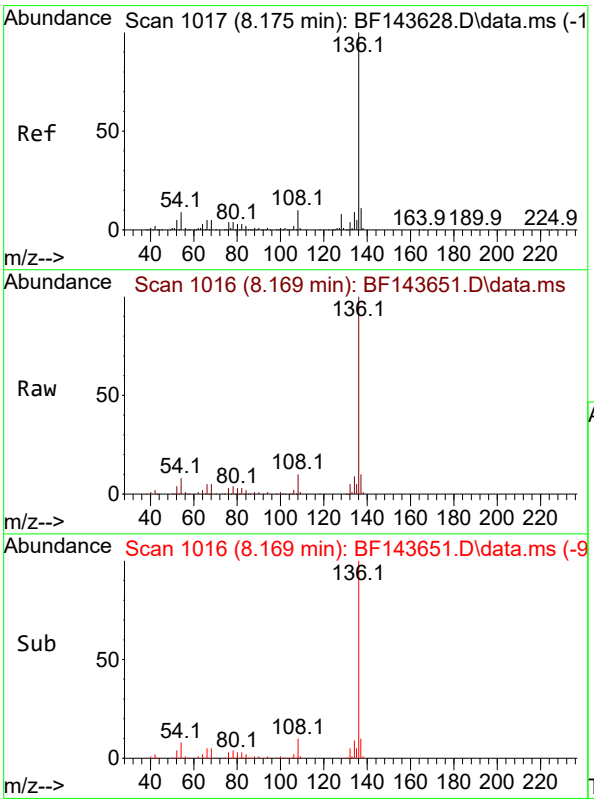
#7
Phenol-d6
Concen: 140.356 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Instrument :
BNA_F
ClientSampleId :
PB169528BL

Tgt Ion: 99 Resp: 657995

Ion	Ratio	Lower	Upper
99	100		
42	16.9	14.6	22.0
71	35.0	28.0	42.0

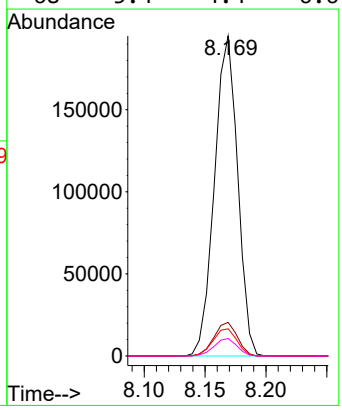


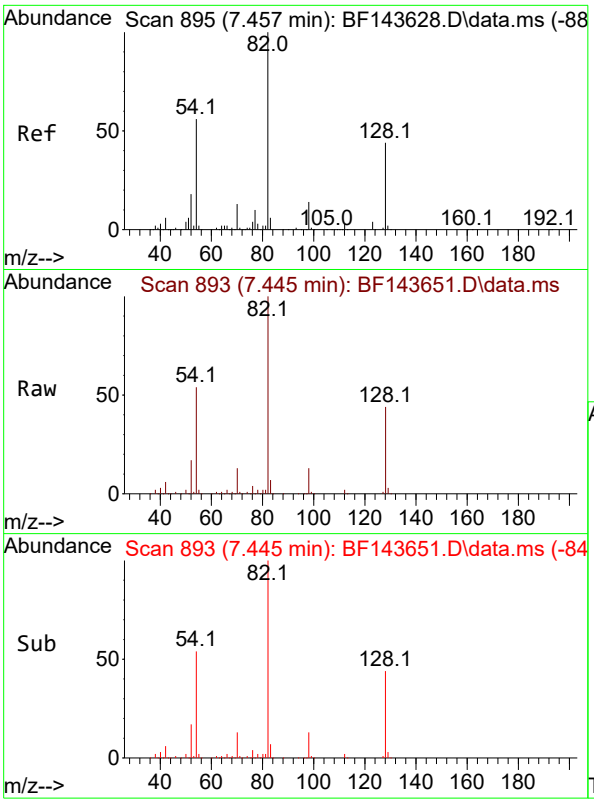


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Tgt Ion:136 Resp: 258159

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	8.5	7.3	10.9
68	5.4	4.4	6.6



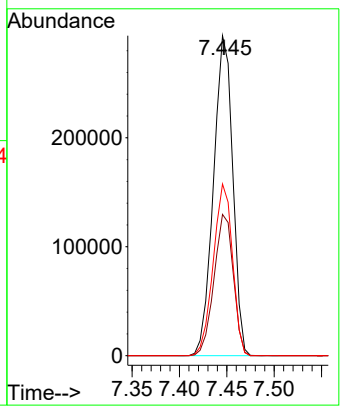


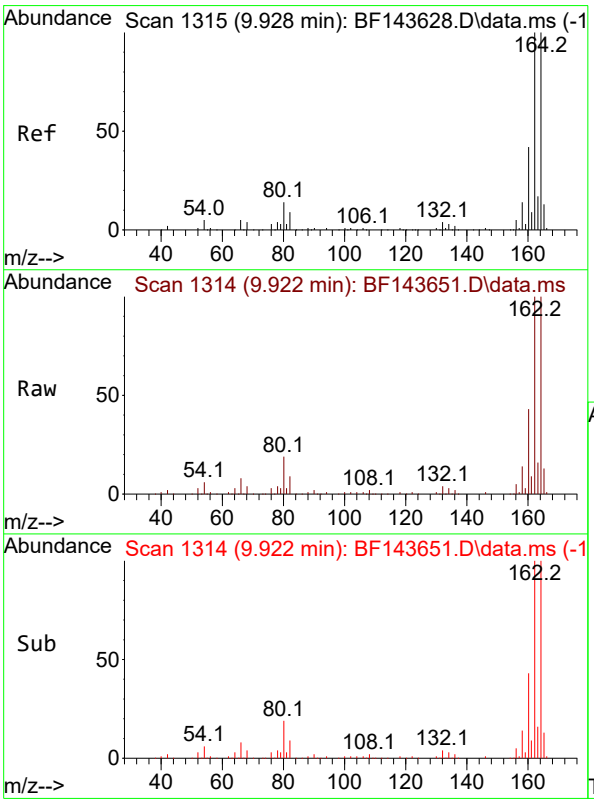
#23
Nitrobenzene-d5
Concen: 113.172 ng
RT: 7.445 min Scan# 8
Delta R.T. -0.012 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Instrument :
BNA_F
ClientSampleId :
PB169528BL

Tgt Ion: 82 Resp: 415692

Ion	Ratio	Lower	Upper
82	100		
128	44.2	34.7	52.1
54	53.6	44.8	67.2

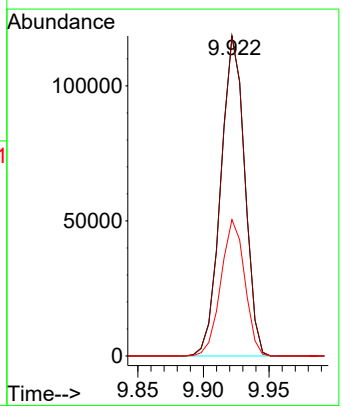


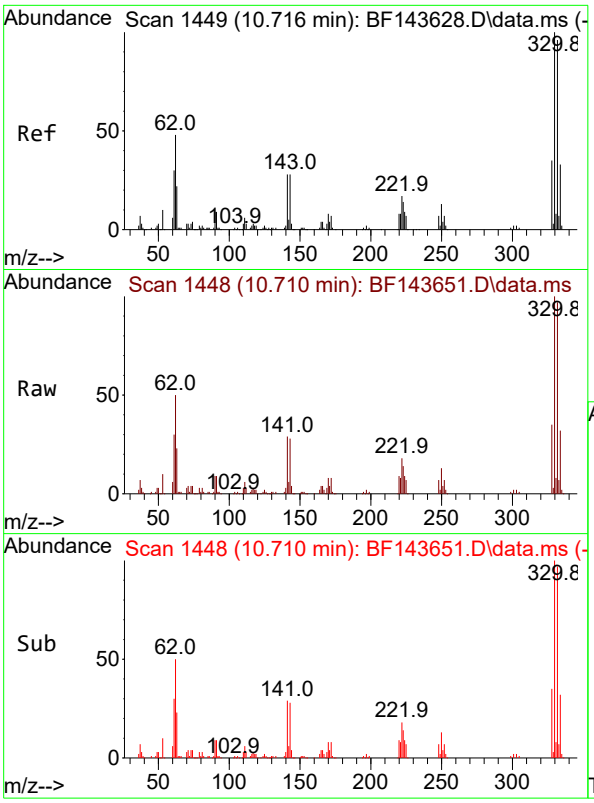


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Tgt Ion:164 Resp: 150277

Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.3	120.5
160	42.6	34.0	51.0



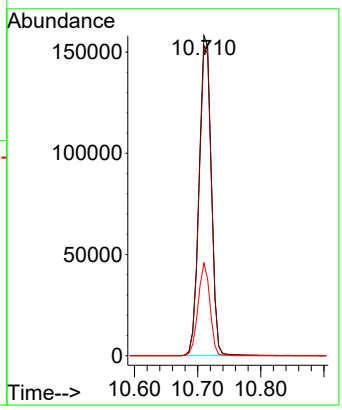


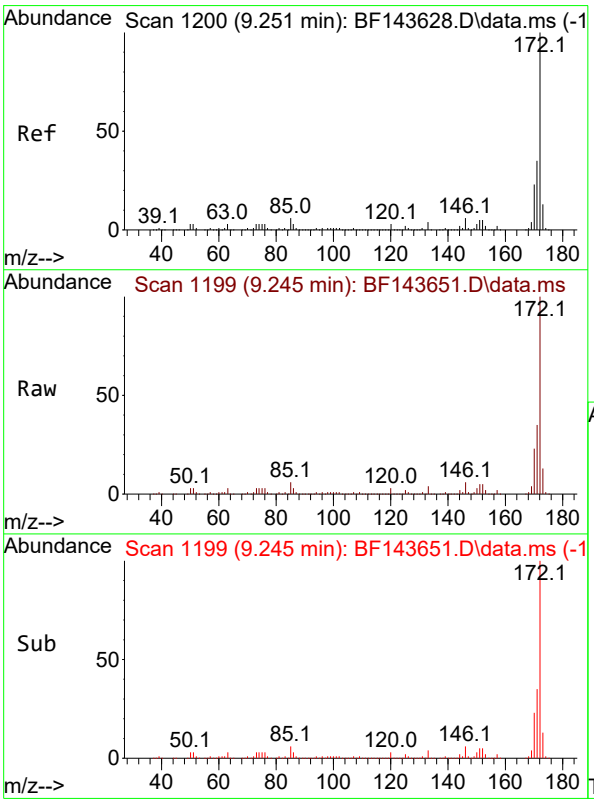
#42
2,4,6-Tribromophenol
Concen: 168.749 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Instrument :
BNA_F
ClientSampleId :
PB169528BL

Tgt Ion:330 Resp: 212059

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	28.0	23.5	35.3

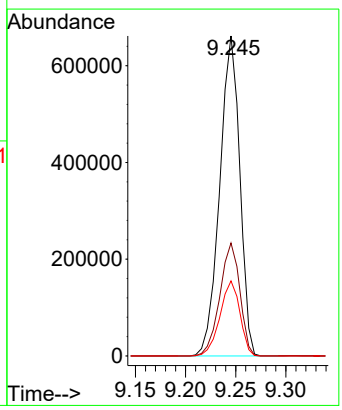


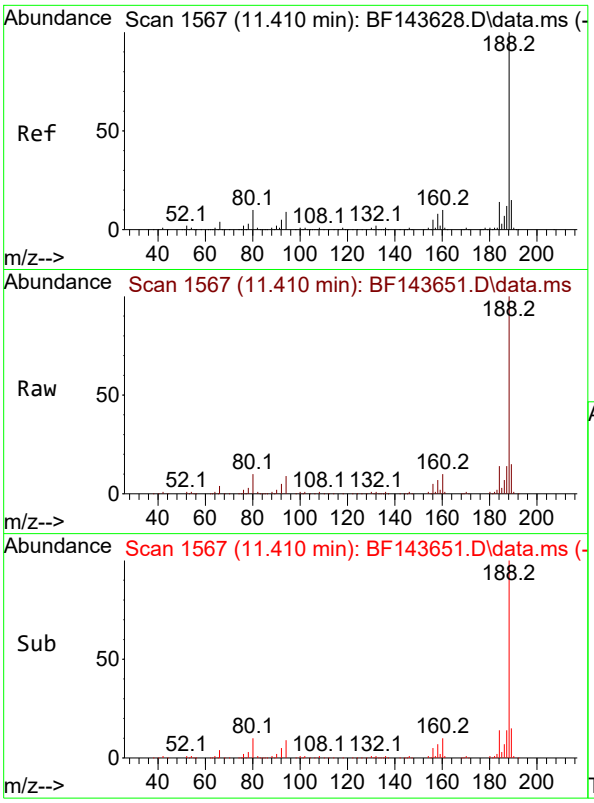


#45
2-Fluorobiphenyl
Concen: 97.564 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Tgt Ion:172 Resp: 917698

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.1	42.1
170	23.5	18.6	28.0



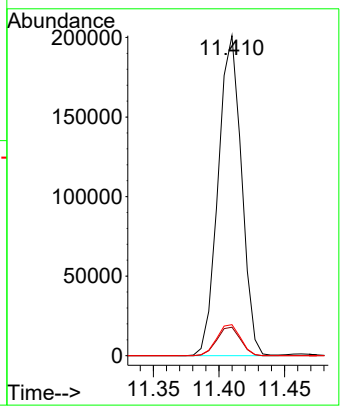


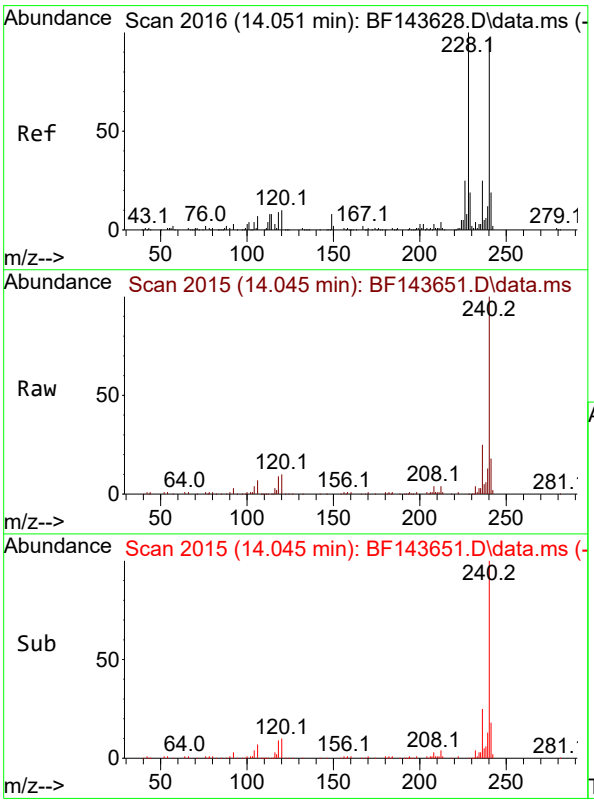
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Instrument :
BNA_F
ClientSampleId :
PB169528BL

Tgt Ion:188 Resp: 248846

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.5	11.3
80	9.7	8.4	12.6

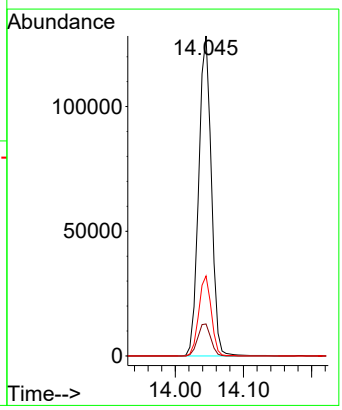


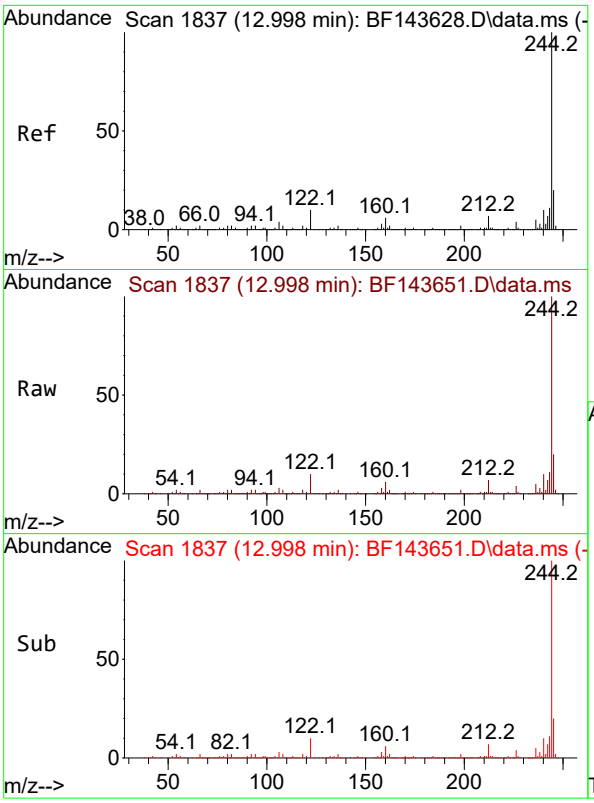


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Tgt Ion:240 Resp: 165512

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.0	12.0
236	25.0	20.5	30.7



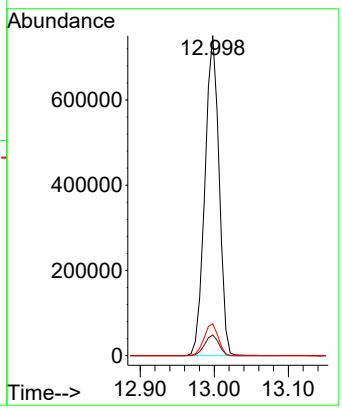


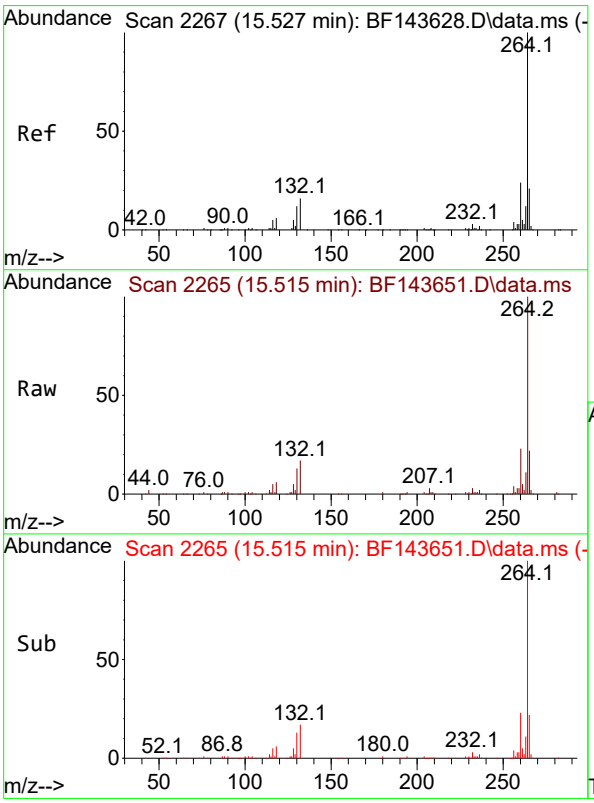
#79
Terphenyl-d14
Concen: 100.314 ng
RT: 12.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Instrument :
BNA_F
ClientSampleId :
PB169528BL

Tgt Ion:244 Resp: 996455

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.3	7.9
122	10.0	8.3	12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2265
Delta R.T. -0.012 min
Lab File: BF143651.D
Acq: 05 Sep 2025 10:23

Tgt Ion:264 Resp: 140233

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.7	17.1	25.7